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The Creighton University Bulletin

VOL. 9

AUGUST

No. 7

CREIGHTON COLLEGE



1917-1918

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College Calendar

1917

- August 30 Thursday. Examinations for admission.
September 10 Monday. Registration and Classification (College).
September 11 Tuesday. First Semester begins.
September 17 Monday. Sodalities reorganize.
September 19 Wednesday. Creighton Oratorical Society organizes.
October 11 Thursday. Conditioned Examinations.
November 5 Monday. First Quarterly Examinations.
November 17 Saturday. Assembly.
November 29 Thursday. Thanksgiving. Holiday.
December 3 Monday. President's Day.
December 8 Saturday. Feast of the Immaculate Conception. So-
dality Day.
December 10 Monday. Preliminary Oratorical Contest.
December 21 Friday. Christmas Recess begins.

1918

- January 2 Wednesday. Classes resumed.
January 16 Wednesday. Annual Oratorical Contest.
January 21 Monday. First Semester Examinations.
January 30 Wednesday. Assembly.
February 1 Friday. Second Semester begins.
February 7 Thursday. Solemn Memorial Exercises in honor of
Edward and Count John A. Creighton. Faculty
Reunion.
February 14 Thursday. University Glee Club Concert.

| | | | |
|----------|----|------------|--|
| February | 22 | Friday. | Washington's Birthday. Holiday. |
| February | 28 | Thursday. | Conditioned Examinations. |
| March | 25 | Monday. | Annual Retreat begins. |
| March | 27 | Wednesday. | Intercollegiate English Contest. |
| March | 28 | Thursday. | Easter Recess begins. |
| April | 3 | Wednesday. | Classes resumed. |
| April | 5 | Friday. | Third Quarterly Examinations. |
| April | 8 | Monday. | Intercollegiate Latin Contest. |
| April | 16 | Tuesday. | Assembly. |
| April | 24 | Wednesday. | Creighton Oratorical Public Debate. |
| April | 29 | Monday. | Theses for Academic Degrees submitted. |
| May | 3 | Friday. | Catechetical Essays submitted. |
| May | 8 | Wednesday. | Contest in Elocution. |
| May | 27 | Monday. | Repetitions begin. |
| May | 30 | Thursday. | Flag Day. Patriotic Exercises. |
| June | 1 | Saturday. | University Commencement. |
| June | 10 | Monday. | Second Semester Examinations begin. |
| June | 21 | Friday. | Commencement Day. (College). |

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General Information

HISTORY

Creighton College owes its origin to a well defined and often expressed intention of Edward Creighton, to establish during his life a free school for higher education. He died, however, intestate, on November 5th, 1874, before making provision for the carrying out of his project. His wife, Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to put into execution the intention so earnestly cherished by her husband. She, too, was prevented by death, before she could take final and effective measures toward realizing her plans. Her death occurred on January 23, 1876. In her last will, dated September 23, 1875, she made a bequest, which, in the settlement of the estate amounted to about \$200,000.00. One-fourth of this was devoted to grounds and a building, and the balance reserved for endowment. In accordance with the terms of her will the executors conveyed both property and securities to the Right Reverend James O'Connor.

After the incorporation of Creighton University, Bishop O'Connor resigned his trust to the Society of Jesus, members of which have conducted the College since its inception.

Later, the benefactions of Edward and Lucretia Creighton were greatly augmented by the generosity of Count John A. Creighton, brother of Edward, and his wife, Sarah Emily Creighton, sister of Lucretia Creighton. Count John A. Creighton took a very active interest in the progress of the College, and its development and secure financial condition are due to his splendid gifts during his life time and to a princely bequest in his will. A yearly Founders' Day is celebrated in grateful memory of these noble benefactors.

SCOPE

Creighton College, a free school of Arts and Sciences, constitutes one of the five departments of the Creighton University. It offers four years of undergraduate instruction leading to the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Literature or Bachelor of Philosophy. Candidates for the Degree of Bachelor of Arts or Bachelor of Science may also obtain a First Grade City State Teachers' Certificate by completing a prescribed course in pedagogy and teaching, as outlined herein.

Creighton College is a member of the North Central Association of Colleges and Secondary Schools, and of the Association of American Colleges. The degrees of A. B., B. S. and Litt. B. are registered by the Board of Regents of the State of New York.

The College course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Science and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The College ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

SYSTEM OF EDUCATION

The educational system of Creighton is substantially that of all colleges of the Society of Jesus throughout the world. Those who desire to make either a scientific or historical study of that system have abundant sources of information in "Loyola" of the Great Educational Series, published by Scribner, and "Jesuit Education," published by Herder.

A decided advantage of the system followed in this College, is the fact that the student may begin his early studies in the High School, and then pass on through the College to graduation in the

same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well-defined lines, and the possession of a clear and coherent system of principles upon which any special or professional course may afterwards safely rest.

As incomparably the most important element of the education it imparts, the College aims at a moral training of its students such as will make for the right fulfilment of their civil, social and religious duties. There is insistence on the cultivation of the Christian virtues which aid to this fulfilment; and as the only solid basis of virtue and morality, thorough instruction in the principles of religion forms an essential part of the system.

Students of any denomination are admitted to Creighton's classes, and all are required to show a respectful demeanor during the ordinary exercises of public prayer. Catholic students, if not excused for good reasons, are required to be present at daily Mass, and are to attend the weekly lectures on the doctrine of the Church, to make an annual retreat, to approach the Sacraments of Penance and Holy Eucharist once a month.

UNIVERSITY FIRST GRADE CITY STATE TEACHERS' CERTIFICATE

The University First Grade City State Teachers' Certificate is granted to graduates of the College who have satisfactorily completed this special course as outlined below, in virtue of the recognition of The Creighton University by the State Superintendent of Public Instruction "as an institution duly incorporated under the laws of the State of Nebraska, and having an equivalent of the courses in the University of Nebraska for the degrees of Bachelor of Arts and Bachelor of Science. It is therefore, authorized to issue certificates to such graduates as have completed the course of special training and instruction of teachers, said course being an equivalent of the course prescribed by the regents and faculty of the University of Nebraska for the special training and instruction of teachers, and such graduates shall be accredited as qualified teachers within the meaning of the school laws of the State,

having equal privilege upon equal conditions with graduates from any and all other educational institutions within the State under the school laws thereof."

Requirements: First. General knowledge. The candidate must hold the Bachelor's or Master's degree from this University.

Second. Special knowledge. The completion of work amounting to at least forty hours divided between two or three subjects which the student expects to teach, the ultimate decision as to the student's proficiency resting with the Professors concerned.

Third. Professional knowledge. The completion of six hours Psychology and of fifteen hours in the History and Science of Education, Educational Psychology and Educational Theory and Practice.

Fourth. Practice Teaching. Three to five hours weekly for one semester devoted to actual teaching and five hours weekly for one semester devoted to observation of expert teaching.

ADMISSION

All applicants for admission must present evidence of good moral character and, if they come from another college, a certificate of honorable dismissal.

ADMISSION BY CERTIFICATE—A certificate from the Principal of the High School in which a student has been prepared for college will be accepted instead of examinations in the subjects offered for admission, provided only it is made clear to the Dean of the college that such school is not of a lower grade than the preparatory department of Creighton College. This certificate should be sent directly to the Dean of Creighton College.

ADMISSION BY EXAMINATION—An applicant without a High School certificate will be required to pass a satisfactory examination in the required subjects mentioned below and in such other subjects from the list of electives as he may present for entrance. The following is a general outline of matter for examination for those who would wish to enter the A. B. Course without a certificate from a standard High School.

LATIN—Authors: Caesar's Gallic War, four books; Nepos' Lives may be taken in place of two books of Caesar; Cicero's orations against

Catiline and for Archias; Cicero's *De Senectue* and Sallust's *Catiline* or *Jurgurthine War* may be taken as substitutes for three of the above orations. Virgil's four books of the *Aeneid* or their equivalent from the *Eclogues*, *Georgics* and Ovid's *Metamorphoses*.

Grammar and Composition: The examination in Grammar and Composition will require a thorough knowledge of the entire Latin grammar, together with such facility in writing Latin prose as is acquired by one who satisfactorily completes the course of exercises prescribed by the Creighton University High School. This course is based on Bennett's *New Latin Composition*, for which see course as outlined in the High School Bulletin.

GREEK—Authors: Xenophon's *Anabasis*, four books or their equivalent; Homer's *Iliad* or *Odyssey*, one book.

Grammar and Composition: The examination in Grammar will require a thorough knowledge of etymology, of the syntax of cases, the rules of concord and prepositions. The theme will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences with special reference to the use of forms particularly of the irregular verb, and the common rules of syntax.

ENGLISH—Texts prescribed for reading and study: Two plays of Shakespeare, Burke's *Conciliation with the Colonies* or *American Taxation*; Irving's *Sketch Book*; one essay of Macaulay's; Scott's *Lady of the Lake*; Goldsmith's *Deserted Village*; Tennyson's *Passing of Arthur*; Lowell's *Vision of Sir Launfal*; Coleridge's *Ancient Mariner*.

The applicant should make himself familiar with the characters, the plot, incidents and characteristic diction of each work. Equivalents will be accepted.

Rhetoric and Composition: The applicant will be examined on the principles of Rhetoric as set fourth in Brooks' *English Composition*, Book II., or in a work of equal standing. The Composition will test the candidate's ability to write clear idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show discrimination in the choice of words and ability to construct well ordered paragraphs.

MATHEMATICS—Algebra through Quadratics. Plane Geometry.

HISTORY—Oriental and Greek History; Roman History to the Fifth Century, A. D.; Modern History.

CIVICS—Garner's Government in the United States.

PHYSICS—Authors: Millikan and Gale's First Course in Physics or an equivalent. Familiarity with the more elementary principles of mechanics, heat, sound, light, electricity and magnetism, will be expected. Laboratory work should show proficiency in making exact measurements, care in making and recording observations, and accuracy in calculation. No credits will be given for laboratory work unless the original note book of the student be presented.

CHEMISTRY—Applicants may offer Chemistry as a substitute for Physics. The examinations will cover matter equivalent to that taken by students in a two semester course in a standard High School. No credit will be given unless laboratory work has accompanied the study of the theory.

REQUIREMENTS FOR THE OTHER COURSES—Those who wish to enter any other course which the College of Arts offers must present a certificate from a standard High School. An applicant without a certificate should be prepared to pass satisfactory examinations in all required and elective subjects for entrance to the course he intends to pursue.

This outline of matter is practically the same for those entering other courses, save in this that the applicant may ask for examinations in the Modern instead of the Ancient Languages.

REQUIREMENTS FOR ADMISSION

All candidates for the Bachelor's degree must present entrance credits amounting to sixteen units. A unit represents a year's study in a high school subject pursued four or five time a week.

The required units for admission to the several courses are as follows:

A. B. Course

| | | | |
|--------------------|---------|---------------------------|--------|
| Latin | 4 units | Ancient History | 1 unit |
| *Greek | 3 units | Modern " | 1 unit |
| English | 3 units | Science | 1 unit |
| Algebra | 1 unit | Elective | 1 unit |
| Geometry | 1 unit | | |

*Applicants who can satisfy all the other entrance requirements may be admitted with conditions in Greek, which must be removed within one year from the time of entrance. An elementary Greek class is organized for this purpose.

B. S. Course

| | | | |
|-----------------------------|---------|---------------------------|---------|
| English | 3 units | Ancient History | 1 unit |
| Foreign Languages | 2 units | Science | 2 units |
| Mathematics | 3 units | Elective | 5 units |

Litt. B. and Ph. B. Courses

| | | | |
|------------------------------|---------|------------------------------------|---------|
| English | 3 units | Modern History | 1 unit |
| *Foreign Languages | 3 units | U. S. History and Civics | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| Ancient History | 1 unit | Elective | 4 units |

*All in one language or two in one language and one in another.

ELECTIVE UNITS

The elective subjects that may be presented to complete the required sixteen units should be taken from the following list:

| | | |
|----------------------------------|---------------|-------|
| English Literature | 1 | unit |
| Modern Language | 2 | units |
| Ancient " | 2 | units |
| Biology | 1 | unit |
| Chemistry | 1 | unit |
| Algebra (intermediate) | $\frac{1}{2}$ | unit |
| Trigonometry | $\frac{1}{2}$ | unit |
| Solid Geometry | $\frac{1}{2}$ | unit |
| Physical Geography | 1 | unit |
| American History | 1 | unit |
| English " | 1 | unit |

DEGREES

The following degrees are conferred:

A. B., Bachelor of Arts.

B. S., Bachelor of Science;

Litt. B., Bachelor of Letters;

Ph. B., Bachelor of Philosophy.

The A. B. degree is conferred on a candidate whose college work includes three years of Latin and two years of Greek.

The B. S. degree is conferred on one who concentrates his studies, particularly during the last two years of college, on Science or Mathematics. The Freshman and Sophomore years of his course need not differ from those prescribed for the Litt. B. degree. The degree of B. S. in Medicine is given for the completion of combined courses in Arts and Sciences and Medicine, consisting of two years of collegiate work plus two semester courses in Logic and Ethics and a four years' course in Medicine.

The Litt. B. degree is conferred when either the Greek only or both the Latin and the Greek of the A. B. course are replaced by work in one or more modern languages.

The Ph. B. degree is conferred on candidates whose chief work during the last two years of college has been in one or two of the following departments: Philosophy, History, Economics, Political Science, Education, Sociology.

REQUIREMENTS FOR DEGREES

The conditions for the Baccalaureate degrees, A. B., B. S., Litt. B., Ph. B., are the following:

1. The completion of the four year's course leading to the degree for which the student is a candidate.
2. A written thesis approved by the Dean of the College and presented at least four weeks before graduation.
3. All work to be accepted in fulfilment of any requirement for the degree must be completed with a grade above 70.
4. A fee of \$10.00 payable in advance.

Requirements for the A. M. Degree:

1. The candidate must have an A. B. degree from an institution of good standing and must devote one year exclusively to resident graduate study. Two years—eight months of which must be in residence—will be required if the candidate's whole time is not devoted to study.

2. The work must be done in one or two departments, and must ordinarily embrace one principal and one or two secondary subjects. It must involve concentrated work in some special field of study in such subjects as Philosophy, History, Economics, Law, Classics, English, Mathematics, Physics, Chemistry, Biology. Advanced courses given in the professional schools of Creighton University will be accepted in partial fulfilment of requirements for the A. M. degree, but under no circumstances may a candidate count these same courses toward a professional degree.

3. The candidate must pass a satisfactory examination in all the subjects studied.

4. He must present a typewritten or printed thesis in his major subject.

5. A fee of \$10.00 is to be paid in advance.

The degree of Master of Science, M. S., is conferred under the same conditions as above when the major subject of study has been scientific.

GENERAL STATEMENT OF THE COURSE OF STUDY FOR THE DEGREE OF A. B.

All candidates for the degree of Bachelor of Arts must before graduation complete forty semester courses,* which shall include two years of college Greek, three years of college Latin, three years of English, two years of Science in the group Physics, Chemistry, Biology, Geology, Astronomy, one year of History, one year of Mathematics, and two years of Philosophy. In addition, the candidate must do the prescribed work in Public Speaking, and, unless he can give evidence that he possesses a reading knowledge of French or German, he must

*A semester course is a subject taken at least 3 times a week for one semester.

take a two years' course in one of these languages. Catholic students, moreover, will be required to take every year a course in Evidences of the Christian Religion, two hours a week, which, if pursued for two years, will be accepted in satisfaction of two semester courses.

The rest of the studies are elective in this sense that the student who wishes to pursue technical or professional courses after or even before graduation will be given full opportunity to take those studies that will best prepare him for such courses and be allowed full liberty, under proper advice, to arrange his work according to the outline of studies given below. Under certain circumstances he may be allowed to drop one of the subjects there prescribed in favor of an elective, with the approval of the committee on electives. In case the student gives no such notice of wishing to prepare for professional studies, he will be required to follow certain specified courses in Political Economy, History of Philosophy, Geology and Astronomy. Any candidate, if found deficient in English, shall, besides his other required work, take such courses as will be prescribed for him by the department of English.

Schedule for the A. B. Degree

FRESHMAN YEAR

The prescribed studies are Latin, Greek, English, Mathematics, and either Chemistry or Biology. A student who enters with four units in Mathematics will not be required to take this subject in college. He may anticipate some other course. One who enters without Physics or without Chemistry will have to take that subject in Freshman year.

1. Latin 4 hours
2. Greek 4 hours
3. English 3 hours
4. Mathematics 4 hours
5. Elective—
Chemistry or Biology 4 hours

SOPHOMORE YEAR

The required studies are Latin, Greek, English, History and one subject from the following: A Modern language, Mathematics, a Science (Physics, Chemistry, Biology, Geology, Astronomy), Drawing,

Descriptive Geometry. A student who has no reading knowledge of French or German, will have to take either of the languages for two years during the remainder of his college course. A second Science must be taken in either Sophomore or Junior or Senior year, unless full credits for both Physics and Chemistry have been presented at entrance.

1. Latin 4 hours
2. Greek 4 hours
3. English 3 hours
4. History 4 hours
5. Elective—

A Modern Language or a Science from
the above group or Mathematics or
Drawing and Descriptive Geometry 4 hours

JUNIOR YEAR

In Junior year every student must take Latin, Logic and Ontology and English, and two subjects from the following: Mathematics, Greek, German, French, a Science (Physics, Chemistry, Biology, Geology, Astronomy), History of Philosophy.

1. Logic and Ontology 5 hours
2. Latin 3 hours
3. English 3 hours
- 4-5. Elective (two to be taken)—

A Modern Language 3 hours
Greek, Mathematics, History, History of
Philosophy, a Science (as above) 4 hours

SENIOR YEAR

Every Senior is required to take Psychology and Natural Theology and Ethics, and select three more subjects from the list of Junior electives, to which are added Political Economy, Sociology and Pedagogy.

1. Psychology and Natural Theology 4 hours
2. Ethics 4 hours
- 3-4-5. Elective (three to be taken)—
English, Political Economy, Pedagogy,
Sociology, any Elective of Junior Year.

GENERAL STATEMENT OF THE COURSE OF STUDY FOR THE DEGREE OF B. S.

The Course leading to the degree of Bachelor of Science is open to those who, entering without Latin or Greek, or not wishing to continue these subjects, follow the outline of studies given below. They must complete forty semester courses exclusive of the prescribed work in Public Speaking. Catholic students must also take every year a course in Evidences of Religion, of from one to two hours, which, if pursued for two years, will be accepted in fulfilment of two semester courses. Every student must take five courses, each course consisting of not less than three hours a week, and he must in Junior and Senior years complete six semester courses in one or two closely allied sciences. The course is so arranged as to give, especially in the Freshman and Sophomore years, a broad training in the fundamental studies necessary for future success in scientific work, that is, in English, in Physics and Chemistry, in College Mathematics, in Logic and Philosophy, and in Modern Languages. Many Electives are offered in Junior and Senior years. In choosing from them the student must be guided by his prospective future work.

Schedule for the B. S. Degree

FRESHMAN YEAR

The required studies are English, Mathematics, a Modern Language, Chemistry and either Mechanical Drawing, Descriptive Geometry, Zoology or a second Modern Language.

- | | |
|---|---------|
| 1. English | 3 hours |
| 2. Mathematics | 4 hours |
| 3. Modern Language | 4 hours |
| 4. A Science (Chemistry) | 4 hours |
| 5. Elective (one to be taken): Zoology, a Second Modern Language, Mechanical Drawing, Descriptive Geometry. | |

SOPHOMORE YEAR

The Sophomore student must take English, a Modern Language, Physics, History, and one subject from the following: Mathematics,

Drawing, Descriptive Geometry, Qualitative Analysis, Zoology, a second Modern Language.

1. English 3 hours
2. A Modern Language 3 hours
3. A Science (Physics) 4 hours
4. History 3 hours
5. Elective (one to be taken): Mathematics,
a second Modern Language, Qualitative
Analysis, Zoology, Drawing, Descriptive
Geometry.

JUNIOR YEAR

The prescribed studies are English, Logic and Ontology and three subjects from the following: Advanced Physics, Quantitative Analysis, Organic Chemistry, Physical Chemistry, General Biology, Geology, Astronomy, any Elective of the Sophomore Year.

1. English 3 hours
2. Logic and Ontology 5 hours
- 3-4-5. Elective (three to be taken): Organic
Chemistry, Quantitative Analysis, Phys-
ical Chemistry, Geology, Astronomy, Ad-
vanced Physics, General Biology, any
Elective of Sophomore Year.

SENIOR YEAR

The prescribed subjects are Ethics and Psychology and Natural Theology. Moreover, the student must continue one subject taken in Junior Year, and select two from the following: English, Sociology, Political Economy, any Elective of Sophomore or Junior Year.

1. Ethics 5 hours
2. Psychology and Natural Theology 3 hours
- 3-4-5. Elective (three to be taken): English,
Sociology, Political Economy, any Elect-
ive of Sophomore Year.

GENERAL STATEMENT OF THE COURSE OF STUDY FOR THE DEGREES OF LITT. B. AND PH. B.

The requirements for the degree of Bachelor of Philosophy do not differ materially from those of the Litt. B. degree. The Litt. B. degree stands for attainment chiefly in modern languages, while the Ph. B. degree represents acquirements wholly or chiefly in non-linguistic courses such as Philosophy, History, Political Economy, Education and Sociology.

Schedule for the Litt. B. and Ph. B. Degrees.

FRESHMAN YEAR

- | | | |
|----|---|---------|
| 1. | English | 3 hours |
| 2. | Mathematics | 4 hours |
| 3. | Foreign Language | 4 hours |
| 4. | Chemistry | 4 hours |
| 5. | Elective (one to be taken): a second Modern Language, Mechanical Drawing, Descriptive Geometry. | |

SOPHOMORE YEAR

- | | | |
|----|---|---------|
| 1. | English | 3 hours |
| 2. | Foreign Language | 3 hours |
| 3. | History | 3 hours |
| 4. | Physics | 4 hours |
| 5. | Elective (one to be taken): a Science, Mathematics, History of English Literature, any Elective of Freshman Year. | |

JUNIOR YEAR

- | | | |
|------|--|---------|
| 1. | English | 3 hours |
| 2. | Logic and Ontology | 5 hours |
| 3. | Foreign Language | 3 hours |
| 4-5. | Elective (two to be taken): History, Geology, Astronomy, Pedagogy, Constitutional Law, any Elective of Sophomore Year. | |

SENIOR YEAR

1. Ethics 4 hours
2. Psychology and Natural Theology 4 hours
- 3-4-5. Elective (three to be taken): English,
Sociology, Political Economy, any Elect-
ive of Sophomore or Junior Year.

B. S. IN MEDICINE

Students preparing for medicine may obtain the degree of Bachelor of Science in Medicine by attending Creighton College two years and the Creighton College of Medicine four years. At the end of his medical course the student receives the B. S. in Medicine and the M. D. degree.

Schedule for the B. S. in Medicine Degree**FRESHMAN YEAR**

1. Philosophy 5 hours
2. English 3 hours
3. Modern Language 4 hours
4. Chemistry (Inorganic) 4 hours
5. Elective (one to be taken): Mathemat-
ics or History 3 hours

SOPHOMORE YEAR

1. Chemistry (Advanced) 5 hours
2. Biology 4 hours
3. Physics 4 hours
4. Modern Language, preferably German
or French 5 hours

All students preparing for Medicine are urged to enter this Six Year Combined Arts and Medical Course since it furnishes the broad training which enables the medical practitioner to rise to the highest level of his profession. Besides, the B. S. degree has the practical advantage of fulfilling the requirements of all the States in the matter of preliminary medical education.

PRE-LEGAL COURSES

On account of the higher requirements now obtaining in the Law Colleges of the United States, pre-legal courses have been arranged for those looking forward to the law as a profession. The Law Department of Creighton University requires at least one year of collegiate training for admission to its courses and urges that three or four years be taken in a College of Liberal Arts in preparation for law studies. Hence two kinds of programs are here given: one for students who wish to spend one or two years in preparatory work, **NOT AS CANDIDATES FOR A DEGREE**, but solely to equip themselves better for law studies; the other for students who enter as candidates for an academic degree, (A. B., B. S., Ph. B., Litt. B.) but expect afterwards to pursue a course in law.

I. Pre-legal Students, Not Candidates for an Academic Degree

ONE YEAR COURSE

- | | |
|-------------------------------|---------|
| 1. Philosophy | 5 hours |
| 2. English | 3 hours |
| 3. Foreign Language | 4 hours |
| 4. History | 3 hours |
| 5. Public Speaking | 2 hours |

TWO YEAR COURSE

First year: as outlined above.

Second year:

- | | |
|---|---------|
| 1. English | 3 hours |
| 2. Foreign Language | 4 hours |
| 3. History | 3 hours |
| 4. Public Speaking | 2 hours |
| 5. Elective (one to be taken): Philosophy, a Science, Mathematics, Political Economy. | |

II. Pre-legal Students Who are Candidates for Academic Degrees

THREE YEAR COURSE

When the pre-legal student has chosen the degree for which he

wishes to be a candidate, his program of studies will be so arranged that within three years he will be able to complete the subjects required for his prospective degree. The elective subjects may be chosen from the courses offered at the Law School.

FOUR YEAR COURSE

Candidates intending to spend four years in academic work will have their program of studies made up from the schedules given above for the various academic degrees, the program of studies differing according to the degree the student has in view.

EXAMINATIONS

Examinations are held in all classes except Senior class at the end of each quarter. Senior examinations are held at the end of each semester. The semester examinations in January and June cover all the matter of the preceding half year.

Each branch is estimated on the basis of 100 per cent. A student's grade is based upon his class work and examination. The passing grade is 70 per cent; below 50 per cent is failure, and from 50 per cent to 69 per cent inclusive is a condition. One who fails in a semester examination must repeat the subject of his failure; one who is "conditioned" is allowed re-examinations. Conditions must be removed within a specified time or they automatically become failures. The grading assigned to a paper in a conditioned examination is never over 70 per cent.

HONORS AND REPORTS

The combined examination and class work record obtained by each student is announced at the Quarterly Assemblies. Those who make 90 per cent and upward in the collective branches of the class, merit the distinction of First Honors, and those whose average is between 85 per cent and 90 per cent, Second Honors. Reports of the conduct and class standing of students are sent after each examination to the parents or guardians. The reports are mailed not later than November 25th, February 10th, May 5th and July 1st. The Director of Studies should

be notified if the reports are not received in due time. At the close of the session a Gold Medal of Excellence is awarded in each class to the student who has made the highest average percentage in the daily work and written examinations throughout the year. The final written examinations for promotion take place in June, an average of 70 per cent being required. Students whose total marks in this examination are above the passing average, but who have fallen below 70 per cent in some studies, will be "conditioned" in those subjects and will not be promoted until the conditions are removed by satisfactory examinations.

PUBLIC CONTESTS

No student may represent the College or High School in the public contests in Oratory, Debating and Elocution who fails to give satisfaction in his studies.

GENERAL REGULATIONS

Parents who wish to withdraw their sons before the end of the session are respectfully requested to give notice of their intention to the Director of Studies. Should any student leave of his own accord, or be withdrawn without such notice, or without giving satisfactory reasons, he will not be readmitted.

Exemption from any of the classes or other exercises of the school must be obtained by parents or guardians. Except in the case of self-supporting students the matter will not be treated of with the students themselves. In case of absence or tardiness a note of excuse from parents or guardians will be expected.

Any conduct unbecoming the character of a gentleman will be regarded as a violation of the School rules.

Flagrant offenses, such as are detrimental to the reputation of the school, or interfere with the good of other students, are grounds for suspension or for conditional or absolute expulsion.

For faults committed outside of the premises the officers of the College cannot justly be held responsible, as students cease then to

be under their jurisdiction; still should any serious charge be fairly substantiated, the offender shall be punished according to the gravity of the offense.

DAILY ORDER

The College is open every morning at 8 o'clock. All are required to be present five minutes before half past 8 o'clock, at which hour the Catholic students hear Mass. At 9 o'clock a. m. the regular classes commence.

CREIGHTON COLLEGE DORMITORY

The Creighton College Dormitory is intended for out-of-town students. The large number of such students attending the College and the difficulty of obtaining accommodations favorable to serious study had long caused much concern to the College authorities. With this Dormitory, a beginning was made along lines calculated to meet this want. The Dormitory provides students with board and lodging at reasonable rates and under conditions conducive to earnestness of application to college work. The discipline of the Dormitory is under the direct control of the College officials. While the authorities, in case the Dormitory is filled, will assist students from a distance to find suitable homes at reasonable rates for board and room, they will not consent to act as guardians, nor in any way hold themselves responsible for the conduct of these students, when not actually under College supervision.

EXPENSES OF RESIDENCE AND BOARD

A private room can be had in the Creighton College Dormitory (St. John's Hall) for \$25.00, \$30.00 or \$35.00 per half year. The difference of price is based upon the location of the rooms. Payment must be made at the beginning of each term, i. e., in September and in February.

Board in the Dormitory is \$80.00 per term, without rebate, payable in advance. This price will be maintained unless the cost of living should increase notably. Residents in St. John's Hall who have finished the Freshman College year may board in the Hall or elsewhere as they prefer. All other residents will board in the Hall.

A deposit of five dollars is to be made at entrance as security against damage to the furnishings of the rooms. This deposit is returnable.

Comparative statement of the expenses of a student residing in the Dormitory for the academic year, September to June 20th.

| | Low | Average | Liberal |
|---------------------------------|----------|----------|----------|
| Tuition | \$000.00 | \$000.00 | \$000.00 |
| Books, Stationery, etc. | 6.00 | 9.00 | 12.00 |
| Residence | 50.00 | 60.00 | 70.00 |
| Board | 160.00 | 160.00 | 160.00 |
| Laundry | 12.00 | 20.00 | 32.00 |
| Students' Fee | 15.00 | 15.00 | 15.00 |
| Total | \$243.00 | \$264.00 | \$289.00 |

FEES AND EXPENSES

Mid Year Examinations, Final Examinations and Statements of Credit will not be given to students who are delinquent in the payment of any bills due to the College.

Tuition is entirely free during the eight years of the High School and College courses to those who are following the regular curriculum. However a charge of \$58.00 a year is made to those who are pursuing a premedical course. This charge covers all expense of the school year for instruction, laboratory and breakage. Of this amount, \$33.00 is payable in September and \$25.00 in February.

A fee of \$15.00 is charged for student activities, educational and athletic. The payment of this fee entitles the student to membership in the gymnasium, to attend special lectures, athletic events, the Glee Club Concerts, Varsity Debates, Arts Play, to a year's subscription to the Creighton Chronicle and Creighton Courier. Every student is required to pay this fee. No refund is made after October 1st.

| | |
|--|---------|
| Students' Fee | \$15.00 |
| Physics, Laboratory Fee, 10 months..... | 10.00 |
| Breakage deposit, returnable..... | 3.00 |
| Chemistry, Laboratory Fee, 10 months..... | 10.00 |
| Breakage deposit, returnable..... | 5.00 |
| Biology, Laboratory Fee, 10 months..... | 10.00 |
| Tuition (Premedical Course), 10 months..... | 20.00 |
| Graduation Fee | 10.00 |
| Conditioned Examinations, each..... | 1.00 |
| Conditioned Examinations, taken on any other than the day assigned..... | 2.00 |

Payments for conditioned examinations must always be made before the examinations. Students' Fee should be paid at entrance. Payment of tuition and Science Fees should be made semi-annually in advance.

Outline of Courses

ASTRONOMY

1. **DESCRIPTIVE ASTRONOMY.** Three periods a week. One semester.
The Doctrine of the Sphere. The Earth, Moon, Sun, Eclipses. Celestial Mechanics. The Planets and Asteroids. Comets and Meteors. The Stars. Uranography. Practice in the use of the Transit Circle, the Equatorial, and of the Ephemeris. Calculation of Eclipses.

BIOLOGY

1. **GENERAL BIOLOGY.** Lecture and recitation, three periods; laboratory, two periods. Two semesters.
A course designed to cover the more important laws and phenomena of life and living things. Such types are chosen from the animal and plant kingdom as illustrate the fundamental biological problems. Laboratory work is supplemented by field and library work.
2. **ZOOLOGY.** Lecture and recitation, two periods; laboratory, two periods. Two semesters.
A course giving a general survey of the field of Zoology. Field and library work supplement the laboratory.
3. **BOTANY.** Lecture and recitation, two periods; laboratory, two periods. Two semesters.
A course offering a general survey of the plant kingdom. Mostly morphological, it includes a study of types of all the phyla. Field and library work.
4. **COMBINED COURSE IN BOTANY AND ZOOLOGY.** Lecture and recitation, two periods; laboratory, two periods. Two semesters.
A course offering a survey of the more important groups and

vital phenomena of the plant and animal kingdoms. Botany, first semester; zoology, second semester. Field and library work.

5. **PHYSIOLOGY.** Lecture and recitation, two periods; laboratory, two periods. Two semesters.

A general and elementary course in animal function, with special lectures on hygiene.

6. **HISTOLOGICAL TECHNIQUE.**

An opportunity is offered to pre-medical students for learning the technique of cutting and staining histological sections. Course by special arrangement with instructor.

CHEMISTRY

1. **ELEMENTARY INORGANIC CHEMISTRY.** Three lectures and two laboratory periods a week. Two semesters.

An introductory course dealing with the fundamental theories and principles of the science, intended for students beginning the study of chemistry in college. This course is planned not only for those who recognize chemistry as an important part of a liberal education, but also to afford a thorough foundation for prospective teachers and professional students.

Instruction is given by means of lecture-demonstrations, recitation, problems, and carefully selected laboratory work.

2. **GENERAL INORGANIC CHEMISTRY.** Three lectures and two laboratory periods a week. Two semesters.

Prerequisite: One year of work in chemistry in High School. This course covers the same work as Course 1, but laboratory work is more advanced.

3. **GENERAL AND ANALYTICAL CHEMISTRY.** Three lectures and two laboratory periods a week. Two semesters.

This course differs from Course 1 and Course 2 in that the elements of analysis are introduced in the second semester. It is designed to meet the needs of students who cannot give more than one year to general chemistry and analysis.

4. ELEMENTARY QUALITATIVE ANALYSIS. Two lectures and three laboratory periods a week. Two semesters.

Prerequisite: Course 1 or 2 or equivalent.

The periods of class work in this course are divided between lectures on the theories and practice of analysis, recitations and discussions on the laboratory work. Considerable stress is laid upon the application of the laws of equilibrium, and of the theories of solution and electrolytic dissociation.

5. ADVANCED QUALITATIVE ANALYSIS. One lecture and three laboratory periods a week. One semester.

A continuation of Course 4. In this course the more difficult theoretical questions and applications are taken up. The laboratory work will be devoted to complete analyses of more difficult minerals, alloys, etc., and will be varied according to the purpose that the student has in view in taking the course.

6. QUANTITATIVE ANALYSIS. One lecture and two laboratory periods a week. One semester.

Prerequisite: Course 3 or equivalent.

An introductory course designed to familiarize the student with manipulation, calculation and typical gravimetric, volumetric and electrolytic methods. It provides the necessary preparation for more advanced work and for special methods of analysis.

7. ADVANCED QUANTITATIVE ANALYSIS. Chiefly laboratory work. Three periods a week. One semester.

A continuation of Course 6. The laboratory work will consist of the complete analysis of rocks, minerals, ores, slags, alloys, commercial materials and products.

8. VOLUMETRIC ANALYSIS. One lecture and two laboratory periods a week. One semester.

Prerequisite: Course 3 or equivalent.

This course is especially designed for students desiring to take up volumetric analysis as a preparation for medicine. It will in-

clude typical illustrations of volumetric processes and discussions of the theoretical questions involved.

9. **ORGANIC CHEMISTRY.** Three lectures and two laboratory periods a week. Two semesters.

Prerequisite: Course 1 or 2 or equivalent.

A general introduction to organic chemistry, covering the chief classes of organic compounds of both the aliphatic and aromatic series, their relation and theories of their constitution.

The laboratory work will consist in the preparation and study of the reactions of the compounds taken up in class.

This course is recommended to students preparing for medicine.

DEBATING AND PUBLIC SPEAKING

Two hours a week. Two semesters.

The object of this course is to train the students of the Collegiate Department to readiness and fluency in public speaking. To this end it is conducted according to strict parliamentary practice. The literary and oratorical exercises are always under the direct supervision of a member of the Faculty. They are as follows:

Declamation and elocutionary reading; criticism and discussion of interpretation and delivery; composition and reading of stories, poems, and essays; set orations illustrative of the precepts for oratorical compositions; extempore speaking; the theory and practice of Parliamentary Law; debates.

ENGLISH

1. **RHETORIC AND COMPOSITION.** Four hours a week. Two semesters.

A course in the essentials of rhetoric and in the various modes of composition. Required of those students who are deficient in the theory or practice of correct English. Three hours credit.

2. **POETRY.** Three hours a week. One semester.

The principles of versification, with particular attention to the fixed forms; the nature and elements of poetry, its various

species, except the drama. Reading, analysis and appreciation of the chief poets, partly in class study, partly in assignments. Composition in the shorter forms.

3. FICTION. Three hours a week. One semester.

(a) The Short Story: The theory and technic of the short story; its development and various kinds. Reading and appreciation of short stories, and composition in the form.

(b) The Novel. The principal purpose of this course is to study the technic of the novel, the various schools of fiction and their tendencies, with especial attention to their ethical and literary value. The historical development will be briefly surveyed.

4. ORATORY. Three hours a week. One semester.

The theory of oratory; analysis and study of oratorical masterpieces; historical study of the great orators. The preparation of briefs, the composition and delivery of short addresses, speeches for occasion, debates, and at least one formal oration, will be required.

Students of this course must be members of the oratorical and debating societies.

5. JOURNALISM. Three hours a week. One semester.

(a) The technology of the pressroom; news gathering and reporting; preparation of copy, copy-reading, proof-reading; interviewing and editing. Field work will be required.

(b) The ethics of journalism, a brief survey of the history of journalism, its development, and a discussion of its present tendencies.

6. DRAMA. Three hours a week. Two semesters.

(a) The technic of the drama; its various forms. The theory of the drama will be studied, by means of lectures and assignments, in its history and development; examples of the different forms will be analyzed. Composition in dialogue,

dramatic sketches, playlets, scenarios, and at least one complete drama, will be required.

- (b) Shakespeare's life, influence, sources of his dramas; an acquaintance, by reading and assignments, with the literature of Shakespearean criticism; a study of the chief plays, especially in comparison with those of other dramatists.
- (c) The course in modern drama will be confined to English and American productions, though some of the continental influences will be noted and analyzed. The more noteworthy plays of the chief dramatists from Goldsmith and Sheridan to the present will be read.

7. AESTHETIC AND LITERARY CRITICISM. Three hours a week. One semester.

The philosophical basis for aesthetics, the elements of taste. The theory of criticism; a survey of critical standards; a study of the schools of criticism and of the work of the chief literary critics. Critical papers on assigned subjects will be required.

8. THE ESSAY. Three hours a week. One semester.

The nature of the essay; the artistic and didactic types, and their various forms; the characteristics of each. An historical survey of the essay, with a brief study of the works of the chief essayists. Newman will receive especial attention. Composition in the various forms of the essay will be required.

9. HISTORY OF ENGLISH LITERATURE. Three hours. One semester.

- (a) English Literature to 1750. A general survey of the origins and development, the periods, chief writers and characteristics.
- (b) English Literature since 1750. An outline history of modern English literature, with required readings and assignments to cover subjects not provided for in other courses.
- (c) American Literature. An historical survey, with especial emphasis on the chief influences and writers.

EVIDENCES OF RELIGION

TEXT:—Wilmer's Handbook of the Christian Religion.

1. Two periods a week. Two semesters.
The Church as a means of salvation. The last things. The Christian's duties towards God. Faith, Hope and Charity. The virtue of religion. Direct acts of religion; indirect acts. Veneration of Saints, etc. The Christian's duties toward himself and his neighbor. Christian Perfection.
2. Two periods a week. Two semesters.
Grace; actual, habitual, sanctifying. The Sacraments in general. Baptism. Confirmation. The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance. Extreme Unction. Holy Orders. Matrimony.
3. Two periods a week. Two semesters.
Creation: The spiritual world, the material world. Man and the Fall. God, the Redeemer; the person and nature of the Redeemer; the work of the Redemption. Christianity, a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Institution and End.
4. Two periods a week. Two semesters.
The Basis of Morality. Law. Conscience. Free Will. Moral good and moral evil. The Constitution of the Church. Marks of the Church. Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The Existence of God. Nature and Attributes of God. Unity of God. The Trinity.

GEOLOGY

1. GENERAL GEOLOGY. Three periods a week. One semester.
Dynamical Geology: Winds, Weathering, Rivers, Glaciers, Lakes, Oceans, Volcanoes, Earthquakes.
Structural Geology: Rock-forming Minerals, Composition and Structure of Rocks, Physiographic Structure.

Historical Geology: Archean, Paleozoic, Mesozoic, Cenozoic, and Psychozoic Eras.

GERMAN

1. **BEGINNING COURSE.** Five periods a week. Two semesters.
Drill in pronunciation, German script, vocabulary, grammar, and easier reading lessons.
TEXT: Bacon's New German Course.
2. **INTERMEDIATE COURSE.** Five periods a week. Two semesters.
A thorough review of the German Grammar; much time given to translation of English into German and attempts at original themes. Text-Books: "Im Vaterland," by Bacon, and "Glueck Auf," by Mueller and Wenckebach.
3. **ADVANCED COURSE.** Four periods a week. Two semesters.
German letter-writing, conversational exercises, and original themes. Text-books. "Bilder aus der Deutschen Litteratur," by Keller; "Deutsche Novelletten-Bibliothek," by Bernhardt; Vols. I and II of Heine's Poems, selections by White.
4. **ADVANCED READING COURSE.** Three periods a week. Two semesters.
Selections from the German Classics: Klopstock, Goethe, Schiller, Weber's "Dreizehnlinden" and others.
Also the reading of books assigned by the Professor with a brief written appreciation of them.

FRENCH

1. **ELEMENTARY FRENCH.** Five hours a week. Two semesters.
Introduction to modern French—Pronunciation. Reading of simple French, conversational exercises based on the selections translated in the class room. Three hours credit.
TEXT: Chardenal's Complete French Course.
2. **INTERMEDIATE FRENCH.** Four hours a week. Two semesters.
Completion of Chardenal's Grammar. Drill on irregular verbs, colloquial drill, oral and written composition.

3. MODERN FRENCH PROSE, POETRY AND DRAMA. Three hours a week. Two semesters.

Reading from the various periods of French Literature. Introduction to French Poetry. In the drama—selected plays.

GREEK

1. ELEMENTARY GREEK. Five periods a week. Two semesters.

The purpose of this class is to fit candidates for the A. B. degree in one year for the regular Freshman class in Greek.

Precepts: Declensions, conjugation of regular verbs, contract verbs, verbs in *mi*, Syntax of cases, tenses, moods, clauses.

Authors: Xenophon. *Anabasis*, Book I.

Homer. *Iliad*, Book I.

Practice: Greek Composition in connection with the text.

2. EPIC POETRY. Four periods a week. First semester.

Precepts: The syntax of the verb. General rules of quantity in connection with the author; the Homeric dialect.

Author: *Iliad*, Books II and VI.

3. PLATO. Four periods a week. Second semester.

Precepts. A sketch of Greek Epic and Lyric Poetry.

Authors: Plato. *Apology* or *Crito* and *Apology*.

Selections from Sappho, Simonides of Ceos, and Pindar.

Practice: A theme once a week based on the authors studied.

4. GREEK ORATORY. Four periods a week. First semester.

Authors: Demosthenes. *Philippic I* or *III* with analysis in detail. Selections from "On the Crown."

Sight reading in the New Testament, St. Chrysostom or St. Basil.

Practice: A theme once a week based on the authors studied.

5. GREEK ORATORY AND DRAMATIC POETRY. Four periods a week. Second semester.

Authors: Demosthenes. *On the Crown*, with detailed analysis.

Sophocles, *Antigone*, *Oedipus Tyrannus* or *Oedipus Coloneus*.

Sight reading in the New Testament, St. Chrysostom or St. Basil.

Practice: Weekly themes constructed from the authors read.

6. GREEK PHILOSOPHY AND HISTORY.. Three periods a week.
Two semesters.

Authors: Plato. Phaedo—with analysis.

Keep's Stories from Herodotus.

Aeschylus. Prometheus Bound or Agamemnon.

HISTORY

1. FOURTH TO FOURTEENTH CENTURY. Three periods a week.
Two semesters.

This course deals with the downfall of the Roman Empire through the barbarian invasions and with the conversion and formation of the European nations under the leadership of the Papacy. Furthermore it treats of the struggle for the independence of the spiritual power and the great manifestation of spiritual forces in the crusades. It begins with the invasion of the Huns and ends with the last crusade.

The Invasions: Introductory chapter on the decay of the Roman Empire and the rise and spread of Christianity; Invasions into Italy, Gaul and Spain; Rise of Islam; Franks, Lombards and Papal States; Relations of Church and State; Feudalism.

Rise of the Empire: The Carolingians; Anglo-Saxon and Norman England; Ireland, its conversion and its mission; Migrations of the Northmen; Capetian France; Making of Germany; Contest about Lay-Investiture.

The Crusades: Their causes and results; The Hohenstaufen and the Papacy; England and the Holy See; Rise of Catholic Spain; Boniface VIII. and France; Religion and Culture of the Middle Ages; Origin of Universities and Inquisition.

Text: Guggenberger, History of the Christian Era, Vol. I.

2. FOURTEENTH TO EIGHTEENTH CENTURY. Three periods a week. Two semesters.

This course deals with the causes which led to the revolutions against religious authority in Germany under Luther and in England under Henry VIII. It treats of social upheavals and wars which followed from the religious rebellions. It embraces the period from the suppression of the Templars to the reign of Louis XIV.

The Renaissance: Cause of the Protestant Revolution; Exile of the Papacy; Great Schism of the West; Hundred Years' War; The Ottoman Empire; Inquisition, Universities, Guilds.

Age of Charles V; Protestant Revolution; Catholic Revival; Wars of the Protestant Revolution; the Huguenots; Thirty Years' War.

Spain and England; Spain in the New World; the Puritians; Age of Louis XIV.

Text: Guggenberger, History of the Christian Era, Vol. II.

3. EIGHTEENTH TO TWENTIETH CENTURY. Three periods a week. Two semesters.

This course deals with the social and political revolutions of the eighteenth and nineteenth centuries. It gives the long struggle of the people for greater rights and liberties. It begins with the Hanoverian Succession in England and ends with a brief account of contemporary history.

The Hanoverian Succession in England; Beginning of Russia; Wars of the Austrian Succession; Colonies of North America; Seven Years' War; Division of Poland.

Causes of the political and social revolutions of the Eighteenth Century; American War of Independence; French Revolution; Era of Napoleon; Catholic Emancipation in England.

Europe in the first half of the Nineteenth Century; Crimean War, Italy; Franco-German War; Civil War in the United States; Great Powers today; Church and State.

Text: Guggenberger, History of the Christian Era, Vol. III.

HISTORY OF PHILOSOPHY

1. ANCIENT PHILOSOPHY. One period a week. First semester.
The Vedas. Theories of Egypt and Asia. The Ionic School. The Pythagoreans. The Sophists. The Socratic School. The Epicureans. The Stoics. The Sceptics. The Syncretists and Roman philosophy. Jewish-Alexandrian philosophy. Neo-Pythagoreanism. The Fathers of the Church. The Gnostics. The Schoolmen. The Mystics. The Revival of Platonism, of Aristotelianism. Arabian and Jewish philosophy.
2. MODERN PHILOSOPHY. One period a week. Second semester.
Descartes and his followers. Malebranche, Spinoza, Locke, Hume, the Encyclopedists, Leibnitz, Berkley, Rousseau, the Scottish school, the Transcendentalists; Kant, Fichte, Hegel, Schelling and their schools of thought. Positivism. Modern evolution theories. The Neo-Scholastics. Thomistic philosophy.

LATIN

1. LATIN POETRY. Four periods a week. First semester.
Precepts: A thorough review of Latin Prosody and versification.
Authors: Horace. *Ars Poetica*.
Virgil. *Aeneid*. Books III, V and VI.
Practice: Bradley's *Aids to Writing Latin Prose*, Part I, and frequent themes in imitation of the prose authors studied.
2. LIVY. Four periods a week. Second semester.
Authors: Livy. Books XXI and XXII.
Christian Hymnology. Selections for rapid reading.
Practice: Bradley's *Aids*, Part II to Exercise 60; and frequent themes in imitation of the prose authors studied.
3. CICERO AND THE ODES OF HORACE. Four periods a week.
First semester.

Authors: Cicero. Pro Lege Manilia.

Horace. Select Odes and Epodes.

Latin Fathers. Selections for rapid reading.

Practice: Part II, Exercise 60, of Bradley's Aids to the end of the book, together with weekly compositions in imitation of the authors studied.

4. TACITUS, EPISTLES AND SATIRES OF HORACE. Four periods a week. Second semester.

Authors: Horace. Epistles and Satires.

Tacitus. Agricola.

Practice: Two themes a week and compositions every fortnight in imitation of the prose authors read.

5. PHILOSOPHY AND COMEDY. Three periods a week. Two semesters.

Authors: Cicero. Quaestiones Tusculanae.

Plautus. Duo Captivi.

History of Latin Literature. (Mackail, for reference).

Pliny. Letters.

Juvenal. Selections.

Selections from the Latin Fathers.

Essays in Latin.

NOTE—The courses in Latin, Greek and English are, for greater educative effect, made parallel as much as possible. The theory of the different forms of literature is presented in the English courses, and the classic masterpieces studied in the Latin and Greek courses furnish illustrative material to enforce the precepts and for comparative work. Poetry, with its various forms, is the subject of Freshman year; Oratory, of Sophomore; the Drama, of Junior; the Critical and Philosophical essay of Senior.

MATHEMATICS

1. (a) PLANE TRIGONOMETRY. Four periods a week. One semester
Wentworth-Smith's Plane Trigonometry.

Instruction in the theory and use of logarithmic tables is given in connection with this course.

- (b) SPHERICAL TRIGONOMETRY. Four periods a week. One semester.

Practical application in the terrestrial and celestial spheres to finding times and dates from the position of shadows, etc.

2. ADVANCED ALGEBRA. Four periods a week. One semester.

Graphic Representation of Functions, Imaginaries, Permutations and Combinations, Binominal Theorem, Undetermined Coefficients, Determinants, Theory of Equations.

3. ANALYTICAL GEOMETRY. Four periods a week. One semester.

This course includes a study of Loci and their equations; the straight line, the circle, the different system of co-ordinates, the parabola, the ellipse, the hyperbola, etc.

4. CALCULUS. Three periods a week. Two semesters.

A course in both differential and integral calculus.

MUSIC

NOTE—It is the purpose of the courses in Music to furnish inspiration and material for programs and for different school events; to give all the pupils the opportunity to hear frequently masterpieces of music, and to join in singing or playing them; to give students who are gifted musically a chance to develop their musical gifts and at the same time obtain a College education; to enable a student to pursue the study of music in a systematic course in which the theoretical, technical and musical phases are all united.

1. PRIMA VISTA. (Sight singing). Five periods a week. Four semesters.

One period of the Theory of Singing and one period of the Theory of Music and three periods of practice.

1. (a) Two periods a week. Eight semesters.

This course is the same as Course 1, as far as the scope of the work is concerned, the only difference being that the course is less intensified and requires four years for its completion.

2. SPECIAL ORCHESTRAL COURSE. Four periods a week. Four semesters.

Prerequisite: Two years instrumental work of not fewer than eighty private lessons.

Orchestral ensemble twice a week and two periods of theoretical work. Theory and harmony, study of orchestral instruments and primary work in orchestration.

2. (b) Special Orchestral Course. Two periods a week. Eight semesters.

The work in this course is the same as in Course 2.

No student is eligible to the University Orchestra who has not had at least two years work of not fewer than eighty private lessons and at least one year's work in the Junior Orchestra (Preparatory Course).

Private instruction outside the institution, in order to be accredited, must conform to the requirements of the department of Music.

PEDAGOGY

1. HISTORY OF EDUCATION. Three periods a week. Two semesters.
This course covers the ancient, medieval, and modern periods.

2. CHILD STUDY. Two periods a week. One semester.
A study of the physiology and psychology of childhood with their bearing upon the science of teaching.

3. SYSTEMS IN EDUCATION. Two periods a week. Two semesters.
A comparative study of the principal systems of education.

4. EDUCATIONAL PSYCHOLOGY. Three periods a week. One semester.

A study of psychological facts in their bearing on the work of education; of physical growth in its relation to mental development; instincts, heredity; individuality; abnormalities.

5. PHILOSOPHY OF EDUCATION. Two periods a week. One semester.

This course deals with the principles underlying all education

and of the relative values of different curricula when tested by these principles.

6. EDUCATIONAL THEORY AND PRACTICE. Two periods a week. One semester.
7. OBSERVATION OF EXPERT TEACHING. Five periods a week. One semester.
8. PRACTICE TEACHING. Three to five periods a week. One semester.

Opportunities for practice in actual teaching are afforded in the Creighton University High School and in St. John's Grammar School; opportunities for observation, in the above as well as in the public schools of Omaha and vicinity.

The purpose of this course is to give such special training for the teaching profession as will entitle the recipient of the bachelor's degree in the Arts course to be accredited as a qualified teacher within the meaning of the school laws of Nebraska.

The conditions for entrance are the same as for the College of Arts. The course embraces, besides the branches taught in that department, the special studies required by law for teachers; such as the theory and art of teaching, the history of education, methods of instruction, school supervision, etc.

PHILOSOPHY

NOTE—The courses outlined below take two years for their completion. A shorter course embracing Logic, Psychology and Ethics is offered and required as a minimum from all candidates for degrees.

1. LOGIC. Five periods a week. First semester.
 - (a) Dialectics. Simple intellectual apprehension. Classification of ideas. Verbal terms. Judgment. Classification of propositions. Opposition, equivalence and conversion of propositions. Reasoning. Verbal expression of reasoning. Laws of the syllogism. Figures and moods of the syllogism. Classification of syllogisms. Other forms of argumentation. Demon-

strative, probable, sophistical reasoning. Logical division. Definition. Method, analytic and synthetic.

- (b) **Criteriaology.** Logical truth and falsity. Various states of mind possible in regard to truth. Certitude. Skepticism, universal and partial. Trustworthiness of our faculties for the attainment of logical truth: consciousness, the external senses, objective value of universal ideas and immediate a priori analytical judgments, deductive reasoning, scientific induction. Human testimony, particular and universal. Divine testimony. Objective evidence as the universal criterion and ultimate motive of natural certitude.

2. **GENERAL METAPHYSICS OR ONTOLOGY.** Five periods a week. Second semester.

Real being. Essence and existence. Possible being. The transcendental attributes of being—unity, truth, goodness. Substance. Accidents. Person. Relation. Causality. Material, formal, efficient, final causes. Grades of perfection of being: simple and composite being, finite and infinite being, self-existing and caused being, order, beauty.

3. **COSMOLOGY.** Four periods a week. One-half first semester.

The primal efficient cause of the universe: materialism, pantheism, creationism. The ultimate final cause of the universe: God's extrinsic glory and the intrinsic perfection and eternal beauty of rational creatures. General properties of corporeal substance: chemical, physical, mechanical facts. The radical intrinsic constituents—primary material and formal causes—of corporeal substance: theory of mechanical atomism, of dynamism, of chemical atomism, of energism, of hylomorphism. Space and time. The laws of nature. Miracles.

4. **PSYCHOLOGY.** Four periods a week. First semester.

- (a) **Life.** Organic or vegetative life. The living cell. The vital principle. Sentient or animal life. The nervous system. Sense-organs. Sensuous cognition. Sensuous appetency.

Spontaneous movement. The principle of sensitive life. Origin of species.

- (b) Rational life. Intellectual cognition and the intellect. Genesis of intellectual ideas. Volition and the will. The free will of man. The principle of life in man. The human soul a substantial, simple, spiritual, immortal principle. Origin of the human soul. Origin of the human species.

5. NATURAL THEOLOGY. Four periods a week. One-half first semester.

The existence of God. The fundamental attributes of the Personal God. The divine intellect. The divine will. Divine preservation and concurrence. Divine providence. Refutation of atheism, agnosticism, pantheism, polytheism, manicheism.

6. ETHICS. Eight periods a week. Second semester.

- (a) General Ethics. Ethics defined. The material object of ethics: the human act, the voluntary, the free and deliberate, the causes modifying the voluntary and the free. The foundations of morality: the ultimate end of man, the divine eternal law, the divine natural law. The formal object of ethics: the morality of human acts, the norm of morality, hedonism and utilitarianism and rationalism and moral positivism refuted, the determinants of morality, the proximate objective criterion of morality, conscience.
- (a) Special Ethics. Rights and duties in general. Man's duties towards God. Man's duties towards himself. Man's duties towards others. Right of ownership. Social system of collectivism. Socialism. Modes of acquiring property. Society in general. The family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society: its nature, origin, end. Origin of supreme civil authority. The subject of supreme civil authority. Specific forms of civil government. Functions of civil government. International law.

PHYSICS

1. GENERAL PHYSICS. Two lectures and two laboratory periods.
Two semesters.
A course of lectures, demonstrations and recitations covering in a general manner the fundamental principles of Physics.
First Semester—Mechanics, Heat, and Sound.
Second Semester—Light, Electricity and Magnetism.
2. ADVANCED PHYSICS. Two lectures and two laboratory periods.
Two semesters.
A continuation of Course 1, involving a more extended development of the principles of Physics, the derivation and interpretation of formulas and their application to physical problems.
Special attention is paid to Mechanics, Heat and Electricity.

POLITICAL ECONOMY

1. Three periods a week. Two semesters.
Introductory: Definitions.—Political Economy, Economic Laws, Economic goods, positive and negative. Personal goods. Wealth. Consumable and productive goods. Value, individual and social. Exchange. Price, cost, labor. Income. Capital. Expenditure.
PRODUCTION: Productive capacities of the Earth. Two factors of production. Points of Physical Geography. Important Conclusions. Limitations of Earth's Resources. Intensity of Production. Law of Diminishing Returns. Suitable Degree of Intensity.
Productive powers of man. Variations depending on race, nationality, morality. General and technical education.
Industrial Organization. Nature, varieties, extent, advantages, drawbacks; physical, moral, economic. Misconceptions on division of Labor and Machinery.
Industrial Progress. Meaning and kinds. Historical Survey. The Industrial Revolution. Its effects. False explanation of unsatisfactory conditions today. The true explanations.
Industrial Locality and Dimension. Conditions and Advantages

of Localization. Growth of Cities. Industry and Business. Varieties of large and small scale Industries. Advantages and Drawbacks of large and small. History of co-operation.

CONSUMPTION: Meaning of Consumption. Limits of human wants. Theory of marginal value. Absolute and conventional necessities. Standard of Life. Superfluities and Luxuries. Food: What it embraces. Famines and their prevention. The Housing Problem in modern cities. Fuel and Light. Clothing and Adornment. Furniture. Medical Expenditure. General Education. Religious Expenditure. Cost of Justice and of Recreations.

Population and Subsistence. Malthusianism. Declining Birth-rate. Increasing means of Subsistence. Extravagance. Unused Resources. Colonization. Malthusianism and Providence.

EXCHANGE. Reasons for Trade. Market Prices. Monopoly Prices. Different kinds of Monopoly. Why Monopolies exist. The Proper Remedy for the Evils of Monopoly. Differential gains and the factors producing them. Their Capitalization. International Trade. Its Nature, Advantages and Drawbacks. Free Trade versus Protection.

Money: Need and Nature of Money. Kinds of money at different periods. Token Money. Credit. Different kinds and uses of banks. The Clearing System. Commercial Uses of Securities. International Exchange. Use and Abuse of Commercial Credit. Uncommercial Credit and its Dangers.

SPANISH

1. BEGINNING SPANISH. Five periods a week. Two semesters.
Precepts: Etymology to irregular verbs. Fundamental rules of Syntax.
Practice: Reading. Oral and written translation. Conversation as outlined in Hall's All Spanish Method, Part I.
Easy selections from various sources read and discussed in Spanish.

2. **INTERMEDIATE SPANISH.** Five periods a week. Two semesters.
Precepts: Irregular verbs, Syntax completed. Comparison of idioms in English and Spanish.
Practice: Reading. Oral and written translation. Conversation based on Hall's All Spanish Method, Part II.
Authors: Selections from recent writers at the option of the Professor.
3. **ADVANCED SPANISH.** Three periods a week. Two semesters.
Precepts: History of Spanish Literature, History of Spain, Spanish Daily Life studied in Spanish.
Practice: Selections from the authors of the seventeenth century. Spanish composition and conversation.

ELECTIVES

Eight hours a week in the Junior and eleven hours a week in the Senior year must be devoted to electives. These are to be taken from the following list with the approval of the Dean of the College:

Mathematics (Analytical Geometry, Calculus, Descriptive Geometry, etc.).

Physics.

Chemistry (Analytical, Organic, etc.).

Astronomy.

Geology.

Biology.

Political Economy.

History of Philosophy.

Pedagogy.

Languages (Latin, Greek, German, French, etc.).

Public Speaking.

Mechanical Drawing.

Students contemplating a professional course after finishing College may devote the hours allowed for electives in the Junior and Senior years to professional courses. Due credit will be given towards academic degrees for work done in the professional schools.

Equipment

THE MAIN BUILDING is a large structure of brick trimmed with limestone, having a frontage of 236 feet and a depth of 124 feet. It contains four stories and the facade is surmounted by a tower 110 feet high. The central portion of this building was the original Creighton College, built in 1877, and at present contains the parlors, a large reading room the chemical and biological lecture rooms and laboratories, and several recitation rooms.

THE SOUTH WING was built in 1888 and extended in 1900. The library, faculty reading room, offices of President and Treasurer together with many private rooms are housed in this wing.

THE NORTH WING was added in 1900 and contains the offices, the department of Physics, and many recitation rooms.

THE GENERAL LIBRARY is located in the south wing of the main building and contains 25,000 volumes, besides Federal Government and State Publications.

THE UNIVERSITY CHAPEL, generally known as St. John's Church, is situated a few yards west of the main building, facing California street. It was erected in 1887; is English Gothic in architecture and built of Warrensburg sandstone.

THE AUDITORIUM is a separate building of red brick just west of the chapel. It has a seating capacity of seven hundred and the stage is generously equipped with scenery and other appurtenances required for dramatic productions.

ST. JOHN'S HALL, located on the southwest corner of 25th and California, contains rooms for about ninety students. The discipline of the Hall is under the supervision of College authorities and conditions favorable to serious study are maintained.

THE ASTRONOMICAL OBSERVATORY is equipped with a five-inch equatorial, a three-inch transit, a chronograph, sidereal and solar clocks,

a portable transit, sextants, micrometers, spectroscopes, etc., and an extensive library. Although placed near the main building of the University, and in the middle of a large city, it commands an unusually extensive sky.

THE GYMNASIUM has just been completed on the campus and offers splendid facilities for physical exercise and recreation. The building contains a spacious exercise room 170 by 90 feet, a running track, several hand-ball and squash courts, a swimming pool 75 by 30 feet, billiard room, bowling alleys, club rooms, locker and shower rooms. The equipment throughout is the best and a competent director is in charge.

THE DEPARTMENT OF PHYSICS occupies the entire front of the north wing on the third floor. There is every convenience for experimenting with sunlight and with arc and incandescent lamps, with direct and alternating currents, supplied by external circuits, with compressed and rarified air, gas, water and the like. Nearby are two laboratories generously equipped with instruments and conveniences for the students' work.

The cabinet of physical apparatus is exceptionally well stocked with instruments of all kinds. Besides the ordinary physical equipment there is a triple stereopticon with every attachment, prism and grating spectroscopes, a binocular microscope with ten objectives, an elaborate outfit and a large classified list of prepared objects, an electric gyroscope, a motor general, a very large induction coil, and a display of Geissler tubes.

THE DEPARTMENT OF CHEMISTRY is located on the second floor of the main building and is equipped with lecture room and laboratory facilities to accommodate sixty students, during the same period. Facilities for further work in Chemistry than that outlined in the Bulletin are provided in the laboratories connected with the Departments of Medicine and Pharmacy.

College Organizations

SOCIETIES FOR RELIGIOUS CULTURE

1. THE SODALITIES OF THE IMMACULATE CONCEPTION.

The Sodality is an organization of Catholic students who propose to aim at a more than ordinary degree of earnest and practical Christian virtue. To attain this end the principal means employed is devotion to the Blessed Virgin Mary, Mother of God, by the study and imitation of her virtues, and by practices of piety in her honor; because the Mother of Christ, who was so intimately associated with Him during His earthly life, in the work of redemption, is still close to Him in Heaven and intensely active and powerful for our sanctification.

The purpose of the Sodality, therefore, is not limited to fostering the personal piety of the members. It aims, furthermore, at instructing them in methods of Christian zeal and charity, and stimulating them to the performance of social works. The result is to make them at once devout Christians and men of action such as the social needs of the present day demand.

At the weekly meeting the Little Office of the Blessed Virgin is recited, and an appropriate instruction or exhortation is given by the Director, a member of the Faculty.

2. THE APOSTLESHIP OF PRAYER—LEAGUE OF THE SACRED HEART.

To encourage devotion to the Sacred Heart and to enable the students to acquire, while at College, the zeal for the interests of Our Lord, which is so general among the laity of the Catholic Church, the Apostleship of Prayer was established in 1879, and since then few of the students of the College have failed to have their names enrolled as active members.

3. THE ST. JOHN BERCHMANS SANCTUARY SOCIETY.

The object of this society is to contribute to the beauty and the solemnity of Divine worship by an accurate observance of the liturgic

rites and ceremonies, and to afford Sodalists of exemplary deportment the sacred privilege of serving at the altar. The Sanctuary Society was organized in 1884, and has always counted from thirty to forty members.

SOCIETIES FOR ORATORICAL CULTURE

1. THE CREIGHTON ORATORICAL ASSOCIATION.

As its name implies, the society trains its members to readiness and fluency in speaking before an audience. To this end likewise tends the attention paid to historical study and to composition. Meetings are held on Wednesday evenings and debates alternate with orations, recitations and literary essays. The Association was organized in 1884; in 1899 it was admitted to the Nebraska Collegiate Oratorical Association and during the month of January each year a contest takes place to determine the representative in the State contest.

2. THE CREIGHTON DRAMATIC CLUB.

To further the study of dramatic literature, to improve in elocution, in interpretation, in impersonation and in public speaking, and to insure versatility, polish and self-reliance, the Dramatic Circle was organized in 1899.

3. THE JEANNE D'ARC CLUB.

This club in the third year of its organization has for its purpose to make known the lives of God's heroes and heroines—the Saints. To accomplish this purpose lectures illustrated by stereopticon views are delivered by the student members of the Club. The Club is directed by a member of the faculty and has delivered more than forty lectures during this past school year.

SOCIETIES FOR MUSICAL CULTURE

1. THE CREIGHTON UNIVERSITY ORCHESTRA AND BAND.

The C. U. Orchestra and Band was organized in 1906. These organizations, besides offering the members training in instrumental music, enable them to minister to the enjoyment of their fellow students and of their friends at public entertainments.

The orchestra is under the direction of a capable leader. The organization possesses a large musical library.

The members appear in formal and informal concerts during the year.

2. THE GLEE CLUB.

There are two Glee Clubs, the College Glee Club, open to the less advanced in musical ability, and the University Glee Club. The object of both organizations is to further a taste for vocal music. Especial care is given to the instruction of the University Glee Club. The organization is under the charge of a member of the faculty and of a competent Director.

The University Glee Club appears in an annual formal concert, besides enjoying the opportunity of a number of informal public appearances.

The College Glee Club dates from 1885; The University Glee Club from 1911.

OTHER SOCIETIES

THE CREIGHTON UNIVERSITY ALUMNI ASSOCIATION.

The Alumni Association of the College of Arts was organized October 26, 1903, but on December 21, 1913, was merged into the Creighton University Alumni Association, which is recruited from the ranks of the Alumni of the College of Law, Medicine, Dentistry, Pharmacy and Arts and Sciences. The purpose of the University Alumni Associations, or the Pan-Alumni, as it is usually called, is to foster the bond of union between the graduates of the various colleges and to provide a convenient means for participations in University tasks. Graduates of the College of Arts are admissible as are also students who attended the Arts College for at least two years, provided their class has graduated.

THE CREIGHTON UNIVERSITY ATHLETIC ASSOCIATION.

This society was organized for the double purpose of fostering a college spirit and encouraging healthful bodily exercise among the students. The latter aim is not considered as an end sufficiently worthy

in itself, but rather as an aid to earnest application to more serious pursuits.

The University encourages Athletic Sports in so far as they tend to promote the physical and moral development of the student. Kept within the proper limits they are a source of recreation and healthful exercise and help toward implanting in the character habits of gentlemanly self-repression, which cannot be disregarded in any system of education. The University officers, however, are keenly alive to the fact that Athletic sports will not be productive of good, when they become a separate and recognized department of the University, with a corps of managers, coaches and trainers, having the sole object of winning in inter-collegiate contests at any cost, by clean methods or foul. Athletics so conducted are apt to stamp out the manly spirit of generous rivalry which ought to characterize such contests, and be a constant incentive to coarse behavior and brutal tactics. To keep an influence so deteriorating from exerting an effect upon students, Athletics are under the immediate control of the Faculty, which uniformly adheres to well-defined regulations in their management. A creditable standing in class is a requisite of eligibility to any of the University teams. Long schedules and trips which necessitate absence from class, are discouraged.

A spacious athletic field affords the students ample opportunity to enjoy the pleasure of a home ground. It meets all the requirements of College athletics. Besides the gridiron and the ball-field, there are tennis courts and hand-ball alleys. The athletic field has recently been enlarged. A quarter mile running track encircles the field. Its situation is most convenient, as it lies within easy reach of all the Departments, and the Harney and Cuming street cars pass within a block of the main entrance.

The spacious new Gymnasium gives ample room for all the popular indoor sports, such as swimming, handball, bowling, basketball, etc.

Acknowledgments

Grateful acknowledgment is made to the Senior Class of 1917 of Creighton University for Twenty-Five Endowment Policies of \$1,000.00 each.

Rev. John B. Furay, President of Loyola University, Chicago, Illinois—Oil Painting of Count John A. Creighton.

Mr. John A. McShane—Gold Watch presented to Count John A. Creighton by the citizens of Virginia City, Nevada, 1866.

A Friend: \$500.00 bond bearing 6 per cent interest to be known as the Mrs. John Schultz prize. The interest on the bond is to be distributed each year in prizes at the discretion of the faculty.

DONORS OF MEDALS

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Knights of Columbus, Omaha Council No. 652.

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| Reverend D. P. Harrington | Mr. Thomas J. McShane |

GIFTS TO THE LIBRARY

Mr. T. C. Byrne: The Shakespeare Tercentary.

Miss F. M. Poast: Art and Archaeology.

Miss F. M. Poast: The Memorial of Fray Alonzo de Benavido.

Rev. Wm. Ketcham: A Choctaw Katekismo.

General Education Board: Public Education in Maryland.

General Education Board: Report of the Secretary for 1915-16.

General Education Board: Pamphlets.

Hearst International Library Co.: Several volumes.

Paris Chamber of Commerce: Bulletins of Information.

Geo. Putnam's Sons: War Literature.

Sir Gilbert Parker, and others: War Literature.

J. W. Headlam: The Issue.

Rev. F. Cassilly, S. J.: Old Jesuit Mission in Council Bluffs.

President of Rice Institute: Book of the Opening of the Institute.

American Association for International Conciliation: Many pamphlets.

A Friend: Text of the Spiritual Exercises of St. Ignatius.

Slason Thompson: Railway Library and Statistics, 1916.

Carnegie Endowment for International Peace: Year Book, 1916. Pamphlets.

Mr. A. Leffingwell: An Ethical Problem.

Mr. D. C. Stapleton: Omaha City Directory for 1870 and 1871.

Mr. J. P. Degan: The Natural Touch and Speed Typewriter Instructor.

Panama-Pacific Exposition Co.: Reports and several volumes.

A Friend: Chesterson's The Defendant.

A Friend: Enquete dans les Balkans.

Messrs. Ginn and Co.: Several volumes.

Nebraska Labor Bureau: Reports.

Nebraska Bureau of Public Instruction: Reports.

Mr. Daniel Butler: Report of Omaha Financial Bureau.

California Public Service Commission: Illustrated Report of Construction of the Los Angeles Viaduct.

D. C. Heath and Co.: Several volumes.

The American Book Co.: Several volumes.

Nebraska State Horticultural Society: Annual Reports. Bulletin.

The Government of the United States: Official and Scientific Publications from various departments.

Regents of Smithsonian Institute: Annual Reports. Memoirs. Contributions to Knowledge. Miscellaneous Collections, etc.

Library of Congress: Report and other Publication.

United States Commissioner of Education: Report for 1915 and 1916. Vols. I and II. Various pamphlets.

United States National Museum: Proceedings, Contributions and Bulletins.

Hon. C. O. Lobeck, M. C.: Official Congressional Directory. Congressional Records.

Hon. Gilbert Hitchcock, U. S. Senate: Congressional Documents, etc.

Johns Hopkins University: The University in Its New House; other documents.

University of Pennsylvania: University Lectures.

National University of Greece: Celebration of Seventy-Fifth Anniversary.

Swedish Historical Society: Historical and Statistical Handbook.

University of Kansas: Catalogues, Pamphlets, etc.

Japan Society of America: Bulletins.

Mr. Inazo Nitobe: The Japanese Nation—Its Land, People and Life.

Association of American Colleges: Bulletins.

Doubleday, Page and Co.: Life of Booker T. Washington.

Charles H. Babbitt: Early Days at Council Bluffs.

Harvard University: Contributions from Jefferson Physical Laboratory, 1915.

Yale University Press: Silliman Memorial Lectures; ten volumes.

The Lick Observatory: Publications.

U. S. Brewers Association: Year Book, 1916.

Omaha Public Library Board: Books as Tools (Miss Z. I. Shields).

Scribner's: Several volumes.

Washington University: Record; Bulletins.

"Cosmos": The Basis of Durable Peace.

U. S. Naval Observatory: Publications.

College Register

| | | |
|---------------------------|---|---------------------------|
| Adams, William J..... | Freshman | Omaha |
| Alexander, Willard | Sophomore | Omaha |
| Ash, Wilfrid A. | Freshman | Atlantic, Iowa |
| Barr, Elmer L. | Junior | Omaha |
| *Barrett, James C..... | Senior | Omaha |
| Bell, Percy R..... | Freshman | Omaha |
| Bergman, Elmer O..... | Junior | Kimball |
| Beveridge, R. Leo | Junior | Omaha |
| Bilby, George L. | Sophomore | Kensington, Kansas |
| Blessing, Laurence J..... | Sophomore, White Sulphur Sp'gs, Montana | |
| Boland, George B..... | Freshman | Omaha |
| Bongardt, Charles F. | Junior | Omaha |
| Bowens, Harry W. | Freshman | Guthrie, Oklahoma |
| Brennan, Raymond J..... | Freshman | Esbon, Kansas |
| Brennan, William M..... | Sophomore | Omaha |
| Broz, John S..... | Freshman | Schuyler |
| Burns, Earl L..... | Special | Columbia City, Indiana |
| Cain, Vincent | Senior | Republican City |
| Callan, Charles A..... | Freshman | Anaconda, Montana |
| Camel, Elias G..... | Freshman | Omaha |
| Canavan, Thomas J..... | Sophomore | Gowrie, Iowa |
| Carroll, Charles J..... | Freshman | Creighton |
| Case, Clyde F..... | Freshman | Waseca, Minnesota |
| Casey, Francis J. | Freshman | Massena, Iowa |
| Chaloupka, John G. | Freshman | Twin Brooks, South Dakota |
| Charvat, Charles C. | Freshman | Omaha |
| Chicoine, Cyril A. | Freshman | Sioux City, Iowa |
| Cogley, Philip J. | Freshman | Council Bluffs, Iowa |
| Collins, Harry A. | Freshman | Omaha |
| Collins, Richard K. | Freshman | Marshalltown, Iowa |
| Collopy, Thomas B. | Special | Omaha |
| Connor, Walter J. | Freshman | Gretna |
| Cook, Jay M. | Freshman | Letcher, South Dakota |
| Cross, John F. | Freshman | Orleans |
| Delpy, Louis W. | Sophomore | Vista, California |
| Deneen, Sherman W. | Freshman | Emmetsburg, Iowa |
| Deviny, Edward J. | Sophomore | Owatonna, Minnesota |
| Dobbs, Walter J. | Freshman | Flandreau, South Dakota |
| Doran, Lyle W. | Freshman | Omaha |
| Dorwart, Thomas Y. | Freshman | Friend |
| Drew, Harry O. | Freshman | Council Bluffs, Iowa |
| Duffy, Francis M. | Freshman | Williamsburg, Iowa |

*Died February 1, 1917.

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|---------------------------|-----------|---------------------------|
| Duffy, Paul V. | Freshman | Omaha |
| Dugher, James B. | Freshman | Omaha |
| Duling, Raymond J. | Freshman | Sioux City, Iowa |
| Eagan, Thomas L. | Freshman | Greenfield, Iowa |
| Eastman, Frederick | Special | Omaha |
| Ebert, Joseph L. | Freshman | Brewster, Minnesota |
| Edson, Dewey G. | Freshman | Alcester, South Dakota |
| Feiler, Joseph A. | Freshman | Omaha |
| Fickbohm, Louis F. | Sophomore | Lohrville, Iowa |
| Fluhr, Frederick R. | Freshman | Omaha |
| Flynn, J. Lloyd | Freshman | Douglas, Wyoming |
| Fogarty, Edward | Sophomore | Omaha |
| Fouch, Ralph M. | Freshman | Parma, Idaho |
| Frew, Vincent | Freshman | Hiteman, Iowa |
| Frimann, Claude T. | Sophomore | Chapman |
| Gartland, William J. | Freshman | Manchester, South Dakota |
| Gilbert, Joseph L. | Freshman | Sheridan, Wyoming |
| Gilshannon, Bernard | Sophomore | Almont, Iowa |
| Gross, Daniel J. | Freshman | Walnut, Iowa |
| Haley, J. Edward | Freshman | Dixon, Illinois |
| Hannan, Lawrence J. | Freshman | Omaha |
| Hannon, Edward F. | Freshman | Shelton |
| Hannon, Leo J. | Sophomore | Omaha |
| Hanson, Harold | Freshman | Little Sioux, Iowa |
| Hartje, Harry | Freshman | Mineola, Iowa |
| Henrich, Lester D. | Freshman | Fonda, Iowa |
| Hickey, J. Emmett | Freshman | O'Neil |
| Hirschman, Leo H. | Freshman | Hartington |
| Hector, Emmett F. | Junior | Omaha |
| Holbrook, Cyril L. | Sophomore | Omaha |
| Homan, Joseph | Freshman | Sioux Falls, South Dakota |
| Hombach, Leo J. | Freshman | Council Bluffs, Iowa |
| Hubert, Laurent A. | Freshman | Salix, Iowa |
| Johnson, Rudolph J. | Special | Tracey, Minnesota |
| Jones, Edward A. | Freshman | Dixon, Illinois |
| Kanne, Charles A. | Senior | Carroll, Iowa |
| Kane, Joseph J. | Freshman | Butte, Montana |
| Kastner, Ralph H. | Freshman | Council Bluffs, Iowa |
| Kearney, Charles V. | Freshman | Elkton, South Dakota |
| Kearney, Ned C. | Freshman | Elkton, South Dakota |
| Kehoe, Horace | Freshman | Silver City, Iowa |
| Keitges, Wayne P. | Sophomore | Danbury, Iowa |
| Kelly, Edward P. | Freshman | Omaha |
| Kelly, Harold | Freshman | Omaha |
| Kennebeck, John E. | Sophomore | Omaha |
| Kenny, Bernard B. | Freshman | Pocatello, Idaho |
| Keyes, Cornelius J. | Senior | O'Neil |

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|----------------------------|-----------|---------------------------|
| King, Chock C. | Sophomore | Honolulu, Hawaii |
| Koch, Bernard M. | Freshman | Petersburg |
| Kolda, Felix O. | Freshman | Lesterville, South Dakota |
| Kranz, Edward H. | Sophomore | Omaha |
| Kubitschek, Paul | Freshman | Eagle Grove, Iowa |
| Kudrna, James L. | Freshman | Wahoo |
| | | |
| Laird, George H. | Freshman | Butte, Montana |
| Larkin, John H. | Special | Buckeye, Washington |
| Lathrop, Mason E. | Freshman | Gandy |
| Leadon, John D. | Junior | Faribault, Minnesota |
| Leary, Daniel L. | Sophomore | Gratiot, Wisconsin |
| Linahan, Harold C. | Junior | Omaha |
| Little, Charles F. | Freshman | Bunker Hill, Kansas |
| Little, John T. | Sophomore | Benson |
| Long, J. Clifford | Junior | Omaha |
| Lovely, James P. | Freshman | Omaha |
| Lowe, Kenny J. | Sophomore | Omaha |
| | | |
| McArdle, Charles C. | Freshman | Omaha |
| McConville, Benedict. | Freshman | Mystic, Iowa |
| McCourt, W. Leo | Freshman | Bloomfield |
| McGrath, Everett D. | Freshman | Butte, Montana |
| McMahon, Edmund S. | Freshman | Butte, Montana |
| Malee, John J. | Freshman | Silver Bow, Montana |
| Malee, Thomas C. | Freshman | Silver Bow, Montana |
| Malloy, Joseph P. | Sophomore | Omaha |
| Martin, James W. | Senior | Omaha |
| May, Carl J. | Sophomore | Mount Angel, Oregon |
| Malaska, Louis J. | Freshman | Omaha |
| Monahan, Anselm P. | Junior | Hampton, Iowa |
| Mullen, Clifford J. | Freshman | Omaha |
| Murphy, M. Edwin | Senior | Stewartville, Minnesota |
| | | |
| Nagle, John R. | Freshman | Rock Rapids, Iowa |
| Neary, Ralph L. | Freshman | Lead, South Dakota |
| Newman, Philip F. | Sophomore | Alma |
| Nollette, Eli F. | Junior | Campbell |
| Nollette, John | Junior | Campbell |
| | | |
| O'Kane, John V. | Freshman | Gothenburg |
| Ogle, Morris B. | Freshman | Omaha |
| O'Neil, Edward E. | Sophomore | Omaha |
| O'Neil, Marshall | Special | Omaha |
| Ostdiek, Joseph H. | Senior | Ottumwa, Iowa |
| | | |
| Parker, Stephen T. | Freshman | Butte, Montana |
| Phee, Clifford T. | Freshman | LaPorte, Indiana |
| Priesshoff, Edward A. | Sophomore | Crawford |
| | | |
| Randolph, Emmett F. | Junior | Fullerton |
| Raynor, Walter V. | Freshman | Conneaut, Ohio |
| Reis, Otto F. | Freshman | St. Cloud, Minnesota |

ANNOUNCEMENT OF THE COLLEGE OF ARTS AND SCIENCES 61

Reynolds, Malcolm D. Freshman Griswold, Iowa
 Rock, Antony J. Sophomore Mason City
 Roeseler, Edwin E. Freshman Juneau, Wisconsin
 Rohlf, Oscar B. Special Omaha
 Root, Frank K. Sophomore Salt Lake City, Utah
 Roper, Kenneth L. Sophomore Osceola
 Russell, Charles Freshman Flandreau, South Dakota
 Russell, Henry F. Freshman Flandreau, South Dakota
 Russell, James P. Freshman Omaha
 Ryan, John W. Sophomore Emerson

Schmitz, William H. Freshman Westphalia, Iowa
 Schneider, Joseph F. Freshman Petersburg
 Schwedhelm, Albert Junior West Point
 Shanahan, James A. Sophomore Omaha
 Sibbert, Carl L. Freshman Denison, Iowa
 Sommerhauser, Carl M. Freshman Wichita, Kansas
 Spearman, Ralston Sophomore Papillion
 Spirek, Joseph P. Junior Omaha
 Stech, Joseph L. Freshman Milligan
 Stevens, Paul T. Sophomore Acme, Iowa
 Strickler, Carl A. Freshman Omaha
 Sundquist, Carl M. Freshman Stromsburg
 Sylver, Thomas J. Special
 Ardahan, County Galloway, Ireland

Vandiver, Howard A. Freshman Ogallala
 Vaverka, Fred J. Freshman Omaha
 Vetter, James G. Senior Woonsocket, South Dakota

Wacek, Bernard A. Freshman Omaha
 Wadsworth, Henry J. Freshman Omaha
 Walter, Ben R. Freshman Broken Bow
 Warshowsky, Morris Junior Omaha
 Weber, Frank N. Freshman Kendallville, Indiana
 Wilcox, Eugene G. Sophomore Wendell, Idaho
 Wilkinson, Joseph P. Freshman Omaha
 Wilson, Ralph T. Freshman Omaha

Yerrington, William Senior Bailey, Michigan

CONFERRING OF DEGREES—JUNE 2, 1917.

The Degree of Bachelor of Arts was conferred upon:

| | |
|------------------------|---------------------------|
| Charles A. Kanne | James William Martin, Jr. |
| Cornelius Joseph Keyes | Joseph Herman Ostdiek |

The Degree of Bachelor of Science was conferred upon:

| | |
|------------------|---------------------|
| Eben James Carey | James George Vetter |
|------------------|---------------------|

The Degree of Bachelor of Philosophy was conferred upon:

| | |
|--------------------|------------------------|
| James Vincent Cain | Michael Edward Murphy. |
|--------------------|------------------------|

THE MEDAL FOR THE HONORS OF THE CLASS
WAS MERITED BY
JOSEPH H. OSTDIEK.

IN THE NEBRASKA STATE ORATORICAL CONTEST
FIRST PLACE WAS WON BY
ELMER L. BARR, '18.

IN THE CREIGHTON ORATORICAL PUBLIC DEBATE
FIRST PLACE WAS WON BY
CHARLES F. BONGARDT, '18;
SECOND PLACE WAS WON BY
DANIEL J. GROSS, '20.

AWARD OF MEDALS

| | |
|-------------------------------------|---------------------|
| Senior Class Honors | Joseph H. Ostdiek |
| Freshman Class Honors, A. B. Course | Ralph T. Wilson |
| Freshman Class Honors, B. S. Course | Joseph E. Homan |
| Catechetical Essay Medal | Charles F. Bongardt |
| Oratorical Medal | Charles F. Bongardt |
| College Elocution | J. Clifford Long |

UNIVERSITY ENROLLMENT 1916-1917

| | |
|----------------------------|------|
| College of Arts | 179 |
| College of Medicine | 111 |
| College of Law | 169 |
| College of Dentistry | 157 |
| College of Pharmacy | 57 |
| High School | 391 |
| Summer Session, 1916 | 220 |
| <hr/> | |
| Total | 1284 |

DIRECTORY

President—Rev. Francis X. McMenamy, S. J., Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College, Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College of Medicine, Fourteenth and Davenport Streets, Omaha, Neb.

The Dean—Creighton College of Law, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Dentistry, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Pharmacy, 1410 Davenport Street, Omaha, Neb.

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1918/19

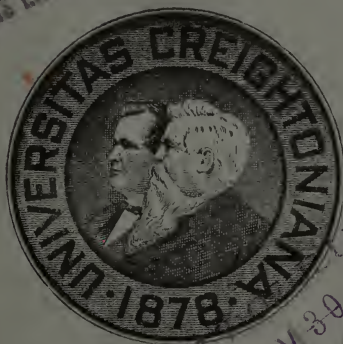
The Creighton University Bulletin

VOL. 10

AUGUST

No. 7

ANNOUNCEMENT
OF THE
COLLEGE OF LIBERAL ARTS AND SCIENCES



UNIVERSITY OF ILLINOIS LIBRARY
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The
Creighton University
Bulletin

VOL. 10

AUGUST

No. 7

CREIGHTON COLLEGE
OF
LIBERAL ARTS AND SCIENCES



CATALOGUE OF
1917-1918
ANNOUNCEMENT FOR
1918-1919

College Calendar

1918

- September 3 Tuesday. Examinations for admission.
September 13 Friday. Registration. Classification.
September 14 Saturday. Solemn Mass of the Holy Ghost.
September 16 Monday. Sodality Re-organizes.
September 18 Wednesday. Battalion reorganizes. The Creighton
Oratorical Society reorganizes.
October 3 Thursday. Conditional Examinations.
November 5 Tuesday. First Quarterly Examinations.
November 16 Saturday. Assembly.
November 18 Monday. Second Quarter begins.
November 28 Thursday. Thanksgiving. Holiday.
December 3 Tuesday. Feast of St. Francis Xavier. President's
Day.
December 7 Saturday. Reception into Sodality.
December 9 Monday. Preliminary Oratorical Contest.
December 18 Wednesday. Subject for Catechetical Essay an-
nounced.
December 21 Saturday. Christmas Recess begins.

1919

- January 3 Friday. Classes resumed.
January 15 Wednesday. Annual Oratorical Contest.
January 22 Thursday. Catechetical Essays submitted.
January 24 Friday. Mid Year Examinations.
February 1 Saturday. Assembly.
February 3 Monday. Second Semester begins.
February 7 Friday. Founders' Day. Faculty Reunion.

| | | | |
|----------|----|------------|---|
| February | 22 | Saturday. | Washington's Birthday. Holiday. |
| February | 27 | Thursday. | Conditioned Examinations. |
| April | 2 | Wednesday. | Third Quarterly Examinations. |
| April | 9 | Wednesday. | Intercollegiate English Contest. |
| April | 12 | Saturday. | Assembly. |
| April | 14 | Monday. | Annual Retreat begins. |
| April | 17 | Thursday. | Easter Recess. |
| April | 23 | Wednesday. | Classes resumed. Intercollegiate Latin Contest. |
| April | 30 | Wednesday. | Theses for Academic Degrees submitted. |
| May | 7 | Wednesday. | Creighton Oratorical Public Debate. |
| May | 16 | Friday. | Contest in Elocution. |
| May | 30 | Friday. | Memorial Day. Patriotic Exercises. |
| May | 31 | Saturday. | University Commencement. |
| June | 9 | Monday. | Second Semester Examinations begin. |
| June | 18 | Wednesday. | Assembly. Commencement. |

BOARD OF TRUSTEES

- REV. FRANCIS X. McMENAMY, S. J.,
President.
- REV. THOMAS J. LIVINGSTONE, S. J.,
Treasurer.
- REV. WILLIAM P. WHELAN, S. J.,
Secretary.
- REV. THOMAS A. McNEIVE, S. J.
- REV. THOMAS W. SMITH, S. J.
-

OFFICERS AND FACULTY

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- *EUGENE M. CLENNON, A. B.,
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Assistant Librarian.
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- JOHN F. M. DUEHREN, A. B.
Professor of French.
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Professor of English and Political Economy.

*In Military Service

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Professor of Political Economy.

*REV. WILLIAM T. KANE, S. J.,
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Professor of Spanish.

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Librarian.

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Professor of Chemistry and German.

THOMAS E. MILLS, A. B.,
Athletic Coach.

Professor of Public Speaking.

MARTIN J. PHEE, S. J.,
Professor of Biology.

REV. WILLIAM P. QUINLAN, S. J.,
Professor of Philosophy and Mathematics.

THEODORE R. REESE,
Professor of Music.

Director of University Orchestra and Glee Club.

REV. FRANCIS X. REILLY, S. J.,
Professor of English and Christian Doctrine.

REV. WILLIAM F. RIGGE, S. J.,
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Director of the Observatory.

REV. THOMAS F. WALLACE, S. J.,
Professor of Psychology and Ethics.
Director of Athletics.

REV. JOSEPH A. WEIS, S. J.,
Professor of Latin.
Moderator of St. John's Hall.

*In Military Service

General Information

HISTORY

Creighton College owes its origin to a well defined and often expressed intention of Edward Creighton, to establish during his life a free school for higher education. He died, however, intestate, on November 5th, 1874, before making provision for the carrying out of his project. His wife, Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to put into execution the intention so earnestly cherished by her husband. She, too, was prevented by death, before she should take final and effective measures toward realizing her plans. Her death occurred on January 23, 1876. In her last will, dated September 23, 1875, she made a bequest, which, in the settlement of the estate amounted to about \$200,000.00. One-fourth of this was devoted to grounds and a building, and the balance reserved for endowment. In accordance with the terms of her will the executors conveyed both property and securities to the Right Reverend James O'Connor.

After the incorporation of The Creighton University, Bishop O'Connor resigned his trust to the Society of Jesus, members of which have conducted the College since its inception.

Later, the benefactions of Edward and Lucretia Creighton were greatly augmented by the generosity of Count John A. Creighton, brother of Edward, and his wife, Sarah Emily Creighton, sister of Lucretia Creighton. Count John A. Creighton took a very active interest in the progress of the College, and its development and secure financial condition are due to his splendid gifts during life time and to a princely bequest in his will. A yearly Founders' Day is celebrated in grateful memory of these noble benefactors.

SCOPE

Creighton College, a free school of Arts and Sciences, constitutes one of the five departments of The Creighton University. It offers four years of undergraduate instruction leading to the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Literature or Bachelor of Philosophy. Candidates for the Degree of Bachelor of Arts or Bachelor of Science may also obtain a First Grade City State Teachers' Certificate by completing a prescribed course in pedagogy and teaching, as outlined herein.

Creighton College is a member of the North Central Association of Colleges and Secondary Schools, and of the Association of American Colleges. The degrees of A. B., B. S. and Litt. B. are registered by the Board of Regents of the State of New York.

The College course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Science and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The College ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

SYSTEM OF EDUCATION

The educational system of Creighton is substantially that of all colleges of the Society of Jesus throughout the world. Those who desire to make either a scientific or historical study of that system have abundant sources of information in "Loyola" of the Great Educational Series, published by Scribner, and "Jesuit Education," published by Herder.

A decided advantage of the system followed in this College, is the fact that the student may begin his early studies in the High School, and then pass on through the College to graduation in the

same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well-defined lines, and the possession of a clear and coherent system of principles upon which any special or professional course may afterwards safely rest.

As incomparably the most important element of the education it imparts, the College aims at a moral training of its students such as will make for the right fulfilment of their civil, social and religious duties. There is insistence on the cultivation of the Christian virtues which aid to this fulfilment; and as the only solid basis of virtue and morality, thorough instruction in the principles of religion forms an essential part of the system.

Students of any denomination are admitted to Creighton's classes, and all are required to show a respectful demeanor during the ordinary exercises of public prayer. Catholic students, if not excused for good reasons, are required to be present at daily Mass, and are to attend the weekly lectures on the doctrines of the Church, to make an annual retreat, to approach the Sacraments of Penance and Holy Eucharist once a month.

Equipment

THE MAIN BUILDING is a large structure of brick trimmed with limestone, having a frontage of 236 feet and a depth of 124 feet. It contains four stories and the facade is surmounted by a tower 110 feet high. The central portion of this building was the original Creighton College, built in 1877, and at present contains the parlors, a large reading room, the chemical and biological lecture rooms and laboratories, and several recitation rooms.

THE SOUTH WING was built in 1888 and extended in 1900. The library, faculty reading room, offices of President and Treasurer together with many private rooms are housed in this wing.

THE NORTH WING was added in 1900 and contains the offices, the department of Physics, and many recitation rooms.

THE GENERAL LIBRARY is located in the south wing of the main building and contains 25,000 volumes, besides Federal Government and State Publications.

THE UNIVERSITY CHAPEL, generally known as St. John's Church, is situated a few yards west of the main building, facing California street. It was erected in 1887; is English Gothic in architecture, and built of Warrensburg sandstone.

THE AUDITORIUM is a separate building of red brick just west of the chapel. It has a seating capacity of seven hundred and the stage is generously equipped with scenery and other appurtenances required for dramatic productions.

ST. JOHN'S HALL, located on the southwest corner of 25th and California Streets, contains rooms for about ninety students. The discipline of the Hall is under the supervision of College authorities and conditions favorable to serious study are maintained.

BISHOP O'CONNOR HALL is another residence hall, one block from Creighton College, maintained for the accomodation of students. This Hall, too, provides students with board and lodging at very reason-

able rates. It was founded by Archbishop J. J. Harty, and is under the direct supervision of diocesan priests.

THE ASTRONOMICAL OBSERVATORY is equipped with a five-inch equatorial, a three-inch transit, a chronograph, sidereal and solar clocks, a portable transit, sextants, micrometers, spectroscopes, etc., and an extensive library. Although placed near the main building of the University, and in the middle of a large city, it commands an unusually extensive sky.

THE GYMNASIUM has just been completed on the campus and offers splendid facilities for physical exercises and recreation. The building contains a spacious exercise room 170 by 90 feet, a running track, several hand-ball and squash courts, a swimming pool 75 by 30 feet, billiard rooms, bowling alleys, club rooms, locker and shower rooms. The equipment throughout is the best and a competent director is in charge.

THE DEPARTMENT OF PHYSICS occupies the entire front of the north wing on the third floor. There is every convenience for experimenting with sunlight and with arc and incandescent lamps, with direct and alternating currents, supplied by external circuits, with compressed and rarified air, gas, water and the like. Nearby are two laboratories generously equipped with instruments and conveniences for the students' work.

The cabinet of physical apparatus is exceptionally well stocked with instruments of all kinds. Besides the ordinary physical equipment there is a triple stereopticon with every attachment, prism and grating spectroscopes, a binocular microscope with ten objectives, an elaborate outfit and a large classified list of prepared objects, an electric gyroscope, a motor generator, a very large induction coil, and a display of Geissler tubes.

THE DEPARTMENT OF CHEMISTRY is located on the second floor of the main building and is equipped with lecture room and laboratory facilities to accommodate sixty students, during the same period. Facilities for further work in Chemistry than that outlined in this Bulletin are provided in the laboratories connected with the Departments of Medicine and Pharmacy.

Requirements for Admission

TESTIMONIALS AND CERTIFICATES

All applicants for admission to the College must present satisfactory testimonials of good moral character. A student entering from another college or institution of collegiate rank, must furnish from such institution a certificate of honorable dismissal before his credentials for scholarship will be examined by the Entrance Board.

ENTRANCE REQUIREMENTS

Candidates for admission to Freshman year must present entrance credits amounting to sixteen units. A unit represents a series of recitations or exercises in a given subject pursued continuously throughout the school year. The number of class exercises required in a week for each unit shall, in general, be five. Double periods are required for laboratory courses.

Not less than a full unit will be accepted in the first year of any language. Half-units will be accepted, but only when presented in addition to integral units in the same subject. Any two of the biological sciences (Physiology, Botany, Zoology) may be combined into a continuous year's course equal to one unit.

The required subjects for admission to the several courses appear under Group I. The elective subjects which may be presented to complete the required sixteen units will be found under Group II.

GROUP I

Prescribed Entrance Subjects

A. B. Course

| | | | |
|--------------------------|---------|---------------------------|--------|
| Latin | 4 units | Plane Geometry | 1 unit |
| Greek* | 3 units | Ancient History | 1 unit |
| English | 3 units | American History and | |
| Algebra (through quadra- | | Civics | 1 unit |
| tics) | 1 unit | Science | 1 unit |
| | | <i>Elective</i> | 1 unit |

* Should a candidate, otherwise qualified, be unable to meet the requirements in Greek, he may take elementary Greek in his Freshman year and finish the Greek course before graduation.

B. S. Course

| | | | |
|----------------------------|---------|---------------------------|---------|
| English | 3 units | Ancient History | 1 unit |
| Foreign Language | 2 units | Science | 2 units |
| Mathematics | 3 units | <i>Elective</i> | 5 units |

Litt. B. and Ph. B. Courses

| | | | |
|-----------------------------|---------|---------------------------|---------|
| English | 3 units | American History and | |
| Foreign Language† | 3 units | Civics | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| Ancient History | 1 unit | <i>Elective</i> | 4 units |
| Modern History | 1 unit | | |

GROUP II**Elective Entrance Subjects**

| | | | |
|------------------------------|---------|----------------------------------|-------------------------|
| English Literature | 1 unit | Physical Geography | 1 unit |
| Foreign Language | 2 units | Algebra (intermediate) | $\frac{1}{2}$ unit |
| Biology | 1 unit | Algebra (advanced) | $\frac{1}{2}$ unit |
| Botany | 1 unit | Geometry (solid) | $\frac{1}{2}$ unit |
| Zoology | 1 unit | Trigonometry | $\frac{1}{2}$ unit |
| Chemistry | 1 unit | Modern History | 1 unit |
| | | English History | $\frac{1}{2}$ or 1 unit |

† All in one language or two in one language and one in another.

Scope of Entrance Subjects

The following descriptive outline indicates the amount of preparation expected in each of the subjects named.

LATIN

(a) GRAMMAR AND COMPOSITION. The examination in grammar and composition will require a thorough knowledge of the entire Latin grammar together with such facility in writing Latin prose as is required by one who satisfactorily completes the course of exercises prescribed by The Creighton University High School. This course is based on Bennett's New Latin Composition.

(b) READING. Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's orations against Catiline and for Archias and the Manilian Law. Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations. Vergil, four books of the Aeneid (or their equivalent from the Eclogues, or Georgics,) and Ovid's Metamorphoses. The examination will include *translation at sight* of both prose and verse. *Four units.*

GREEK

(a) GRAMMAR AND COMPOSITION. The examination in grammar will require a thorough knowledge of etymology, of the syntax of cases, the rules of concord and prepositions. A working knowledge of the epic dialect; practice in metrical reading and written scansion; practice in reading at sight. For Greek the credit is three units. Composition will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences with special reference to the use of the forms, particularly of the irregular verb, and the common rules of syntax.

(b) READING. Xenophon's Anabasis, four books, or their equivalent; Homer's Iliad or Odyssey, two books. The examination will include translation at sight of both prose and verse. *Three units.*

ENGLISH*

a. Rhetoric and Composition

The applicant should be familiar with the principles of Rhetoric as set forth in Brooks', Scott-Denney or an equivalent. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show discrimination in the choice of words and ability to construct well ordered paragraphs.

b. Literature

(a) FOR READING. Cooper, *The Spy*, *The Last of the Mohicans*; Stevenson, *Treasure Island*; Poe, *Poems and Tales*; Scott, *The Talisman*; Longfellow, *Tales of a Wayside Inn*; DeQuincey, *Flight of a Tartar Tribe*; Eliot, *Silas Marner*; Shakespeare, *Julius Caesar*; Pope, *Essay on Criticism*; Tennyson, *Idylls of the King*.

(b) FOR STUDY. Dickens, *Christmas Stories*; Irving, *Sketch Book*; Hawthorne, *Twice-Told Tales*; Scott, *Ivanhoe*; Whittier, *Snowbound*, and other poems; *Sir Roger de Coverly Papers*; Washington, *Farewell Address*; Webster, *Bunker Hill Oration*; Dickens, *David Copperfield*; Lowell, *Vision of Sir Launfal*, and other poems; Lamb, *Essays of Elia*; Macaulay, *Essay on Johnson*; Garraghan, *Prose Types in Newman*; Newman, *Dream of Gerontius*; Shakespeare, *Merchant of Venice*.

A knowledge of the subject matter and form of each work with an explanation of the principal allusions will be required, together with the literary qualities, so far as they illustrate rhetorical principles, a biographical outline of the authors and an account of their works.

Three units.

*The Uniform College Entrance Requirements in English for 1917 will be accepted, as will any fair equivalent work in this department.

FRENCH*

1. The first year's work should include careful drill in pronunciation and in the rudiments of grammar, abundant easy exercises designed to fix in mind the principles of grammar, the reading of 100 to 175 pages of graduated text, with constant practice in translating easy variations of the sentences read, and the writing of French from dictation. *One unit.*

2. The second year's work should comprise the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches, constant practice in translating into French easy variations upon the texts read, frequent abstracts—sometimes oral and sometimes written—of portions of the text already read, writing French from dictation, and continued grammatical drill, with constant application in the construction of sentences. *One unit.*

3. Advanced courses in French should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form, constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read, the study of a grammar of moderate completeness, and the writing from dictation. *One unit.*

GERMAN†

1. The first year's work should comprise careful drill in pronunciation; memorizing of easy, colloquial sentences; drill upon the rudiments of grammar; easy exercises, designed not only to fix in the mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; the reading of from 55 to 100 pages of text; constant practice in translating into German easy variations upon sentences selected from the reading lesson and in reproducing from memory sentences previously read. *One unit.*

2. The second year's work should comprise the reading of 150 to 200 pages of literature in the form of easy stories and plays, prac-

*The admission requirements in French are those recommended by the Modern Language Association of America.

†The Admission requirements in German are those recommended by the Modern Language Association of America.

tice in translating into German the substance of short and easy, selected passages, and continued drill upon the rudiments of grammar. *One unit.*

3. Advanced work should include, in addition to the two courses above, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, abstracts, paraphrases, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the more technical points of language. *One unit.*

HISTORY

The candidate will be expected to show on examination such general knowledge of each field as may be acquired by the study of an accurate text-book of not less than three hundred pages. The examination will call for comparison of historical characters, periods and events, and, in general, for the exercise of judgment as well as of memory.

1. ANCIENT HISTORY. Comprising Oriental and Greek History to the death of Alexander, and Roman History to 800 A. D., with due reference to Greek and Roman life, literature and art. *One unit.*

2. MEDIAEVAL AND MODERN HISTORY. From the death of Charlemagne to the present time. *One unit.*

3. ENGLISH HISTORY. With due reference to social and political development. *One-half or one unit.*

4. AMERICAN HISTORY. With special stress upon the national period, and Civil Government. (*One unit.*)

MATHEMATICS

Elementary Algebra and Plane Geometry are required for admission to all courses; the other subjects are optional, unless otherwise indicated above.

1. ELEMENTARY ALGEBRA. Algebra through Quadratics. The points to be emphasized are: rapidity and accuracy in performing the four fundamental operations, factoring and its use in finding the greatest common factor and the lowest common multiple, radicals, the solution of linear equations containing one or more unknowns, the solution of quadratic equations, and the statement and solution of problems.

Candidates who have not reviewed the work in Algebra during the last year in High School will be required to take examinations in this subject. *One unit.*

2. PLANE GEOMETRY. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subject of loci. It is desirable that a short course in practical Geometry should precede the study of formal Geometry. *One unit*

3. SOLID GEOMETRY. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subject of loci. *One-half unit.*

4. INTERMEDIATE ALGEBRA. Theory of quadratic equations, remainder theorems, radicals with equations involving them, imaginary and complex numbers, ratio and proportion, variation, arithmetic and geometric progressions and graphs. *One-half unit*

5. TRIGONOMETRY. Plane Trigonometry as presented in the best modern text-books. Especial attention should be paid to accuracy, neatness, and the proper arrangement of the work. *One-half unit.*

NATURAL SCIENCES

PHYSICS. One year's daily work in Physics, of which one-third should be laboratory work. The student should possess a thorough knowledge of the elementary principles of mechanics, heat, light, sound, electricity and magnetism, as presented in such text-books as Millikan and Gale or Carhart and Chute. Note-books on the work done in the laboratory, certified by the instructor, must be presented at the time of entrance. *One unit*

CHEMISTRY. One year's daily work in Chemistry, of which one-third should be laboratory work. The student should possess a thorough knowledge of the general laws and theories of chemistry and should be familiar with the occurrence, preparation and properties of the common elements and their compounds as presented in such text-books as McPherson and Henderson, Storer and Lindsey or Remsen.

Note-books on the work done in the laboratory, certified by the instructor, must be presented at the time of entrance. *One unit.*

ZOOLOGY. One year's daily work in Zoology as presented in the text-books of Linville and Kelly, Jordan or Kellogg, with work in the laboratory and the field. A note-book on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. *One unit.*

BOTANY. One year's daily work in Botany as presented in Bergen, Atkinson or Coulter. A note-book, certified by the instructor, describing the work done in the laboratory and the field, must be presented at the time of entrance. *One unit.*

GENERAL BIOLOGY. A combined course in Botany and Zoology, extending throughout the year, as presented in Hunter's *Essentials of Biology* or an equivalent text. A note-book on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. *One unit.*

PHYSICAL GEOGRAPHY. One year's daily work in Physical Geography as treated in the text-books of Tarr, Davis or Dryer, with training in the laboratory and the field. Note-books on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. *One unit.*

Methods of Admission

ADMISSION BY CERTIFICATE

Admission without examination *on certificate* is granted students from approved secondary schools as follows:

1. The Creighton University High School.
2. Secondary schools accredited by the North Central Association of Colleges and Secondary Schools.
3. High Schools of the *first grade* which are so rated by the State Superintendent of Public Instruction.
4. Private schools and academies, not on any list, but approved, after investigation, by a vote of the Faculty.

Credentials which are accepted for admission become the property of the College and are kept permanently on file. All credentials should be filed with the Registrar. They should be mailed at least one month before the beginning of the fall term, in order to secure prompt attention. Compliance with this request will save applicants much inconvenience.

Blank forms of entrance certificates, which are to be used in every case, may be had on application to the Registrar. Certificates must be made out and signed by the Principal or other recognized officer of the school and mailed by him *directly* to the Registrar. No certificate will be accepted unless the holder is a graduate and has spent the last year of his high school course in the school issuing the certificate. A catalogue of the school, if published, describing its course of study in detail, should accompany the certificate.

The certificate should fully cover the entrance requirements of the College. Admission on school certificates is in all cases provisional. If, after admission to the College, a student fails in any subject for which a school certificate was accepted, credit for that entrance subject may be cancelled.

ADMISSION BY EXAMINATION

Applicants who are not entitled to enter *on certificate* must take the entrance examinations in the entire number of units required for

entrance. These examinations are held during the last week in June and the first week in September. The applicant may divide the examination into two parts, taking as many of the examinations as possible in June, and the remainder in September. An examination in which the applicant has failed in June may be taken again in September.

ADMISSION TO ADVANCED STANDING

Candidates for admission to Creighton College from other institutions of Collegiate rank, which offer the same or equal courses of study, will be granted the same standing as at the former institution upon presenting in advance of registration (1) a certificate of honorable dismissal; (2) an official transcript of college credits, with specification of courses and year when taken, hours and grades; (3) an official certified statement of entrance credits and conditions, showing the length of each course in weeks, the number of recitations and laboratory exercises each week, the length of recitation and the mark secured.

No student will be admitted to the College as a candidate for a degree after the beginning of the Senior year.

Graduation

Students who have pursued an entire course as prescribed and have successfully passed their examinations are recommended to the Trustees for the first academic degree in course. Such recommendations are ordinarily acted upon and the degrees are conferred at Commencement, at which time the students receive diplomas from the President of the University.

Degrees

BACCALAUREATE DEGREES

The degrees conferred by the College upon successful completion of the respective courses are *Bachelor of Arts*, (A. B.), *Bachelor of Science*, (B. S.), *Bachelor of Philosophy*, (Ph. B.) and *Bachelor of Literature*, (Litt. B.).

The conditions for the Baccalaureate degrees, are the following: (a) The completion of the four years' course leading to the degree for which the student is a candidate; (b) a written thesis approved by the Dean of the College and presented at least four weeks before graduation; (c) all work to be accepted in fulfilment of any requirement for the degree must be completed with a grade above 70; (d) a fee of \$10.00, payable in advance.

MASTERS' DEGREES

MASTER OF ARTS. The candidate must have an A. B. or Ph. B. degree from an institution of good standing and must devote one year exclusively to resident graduate study. Two years—eight months of which must be in residence—will be required if the candidate's whole time is not devoted to study.

The work must be done in one or two Departments, and must ordinarily embrace one major and two minor subjects. It must involve concentrated work in some special field of study in such subjects as Philosophy, History, Economics, Sociology, Foreign Language, English, Education, Mathematics, Physics, Chemistry, Biology. Advanced courses given in professional schools will be accepted in partial fulfilment of requirements for the A. M. degree, but under no circumstances may a candidate count these same courses toward a professional degree.

The candidate must pass a satisfactory examination in all the subjects studied. He must present a typewritten or printed thesis in his major subject. A fee of \$10.00 is to be paid in advance.

MASTER OF SCIENCE. The degree of *Master of Science*, (M. S.), is conferred under the same conditions as above when the major subject of study has been chosen from the department of Science.

Administration

TERMS AND VACATIONS

The college year begins on the second Monday in September, and includes thirty-six weeks, which are divided into fall and spring terms, or semesters, of eighteen weeks each. There is a Christmas Recess of one week, and an Easter Recess of six days. Classes are not held on legal holidays, nor on days observed as holydays of obligation in the Catholic Church. Commencement Day takes place during the third full week in June.

ATTENDANCE

ABSENCE. Parents and guardians should observe that absence and tardiness, for whatever cause, seriously affect class-work and consequently the student's standing.

Any student who has missed more than ten class days during a semester will not be allowed to take the semester examinations without the express consent of the Dean.

Any student who has been absent from a class for any cause whatsoever, or who has reported *not prepared* as many as three times within any month shall be required to take a written test in all work missed. None of the regular class tests may be substituted for this test.

DISCIPLINE

The educational system employed by the College includes, as one of its most important features, the formation of character. For this reason, the discipline, while considerate, is unflinchingly firm, especially when the good of the student body and the reputation of the institution are concerned.

While it is the policy of the Faculty to trust as much as possible to the honor of the students themselves in carrying on the government of the College, nevertheless, for the maintaining of order and discipline, without which the desired results are not attainable, regular and punctual attendance, obedience to College regulations, serious application to study and blameless conduct will be insisted upon. Any serious

neglect of these essential points will render the offender liable to suspension or even to dismissal.

MILITARY TRAINING

Military Training was established in the High School and College in September 1917. It was prescribed for all students unless specially exempted for weighty reasons. A commissioned officer of the Regular Army was at the head of this department. From two to four hours each week was assigned to instruction and to drill.

The War Department of the Government has sent out an instruction to institutions of collegiate grade outlining a plan for military instruction beginning with the next collegiate year, in September, 1918. This letter from the War Department contained the following pertinent paragraphs:

"Military instruction under officers and non-commissioned officers of the Army will be provided in every institution of College grade, which enrolls for the instruction 100 or more able-bodied students over the age of eighteen. The necessary military equipment will, so far as possible, be provided by the Government. There will be created a military training unit in each institution. Enlistment will be purely voluntary but all students over the age of eighteen will be encouraged to enlist. The enlistment will constitute the student a member of the Army of the United States, liable to active duty at the call of the President. It will, however, be the policy of the Government not to call the members of the training units to active duty until they have reached the age of twenty-one, unless urgent military necessity compels an earlier call. Students under eighteen and therefore not legally eligible for enlistment, will be encouraged to enroll in the training units. Provision will be made for co-ordinating the Reserve Officers' Training Corps system, which exists in about one-third of the collegiate institutions, with this broader plan.

This new policy aims to accomplish a two-fold object: first, to develop as a great military asset the large body of young men in the colleges; and second, to prevent unnecessary and wasteful depletion of the colleges through indiscriminate volunteering, by offering to the students a definite and immediate military status."

EXAMINATIONS

Examinations in all subjects are held at the close of each semester. In addition to the regular examinations, mid-semester tests are held in November and April. Partial examinations and written recitations are held from time to time, during the year with or without previous notice to the students, at the discretion of the instructor.

A condition due to failure in a semester examination may be removed by a supplementary examination. The supplementary examinations are held during the first month of the succeeding semester. They may be taken only on the days specified. For each subject a fee of one dollar is charged, payable in advance at the treasurer's office. Removal of conditions by examinations shall not entitle a student to a grade higher than 70 per cent. If he fails to pass the subjects in both the regular and supplementary examinations, he must repeat the entire subject in class.

Conditions may be incurred: (a) by a failure to satisfy the requirements of any course, which requirements include the recitations, tests and other assigned work, as well as the examination; (b) by exclusion from an examination because of excessive class-room absences; and (c) by absence, due to any cause, on a day appointed for examination.

Conditioned students absent from the regular supplementary examination must present an excuse satisfactory to the Dean or receive a zero for the examination.

CLASSIFICATION OF STUDENTS

All regular students (i. e., those who are candidates for degrees) are required to take five courses during each semester. Until they have completed ten semester courses (in addition to the full admission requirements), they are registered as Freshmen. From that time they rank as Sophomores until the completion of twenty semester courses; as Juniors until the completion of thirty semester courses. One who has met the full requirements for admission and completed thirty semester courses is considered a Senior. No student will be admitted to the Senior year as a candidate for a degree unless all previous conditions have been removed.

REPORTS

Reports containing a record of the class standing, the attendance and deportment are sent after each examination to parents or guardians. Special reports are made at other times when it is deemed advisable, or upon special request. The reports are mailed not later than November 25th, February 10th, May 5th and July 1st. The Dean should be notified if the reports are not received in due time.

GRADES OF SCHOLARSHIP

A student's grade of scholarship in each of his subjects is determined by the combined results of examinations and class work.

The highest grade obtainable in any subject is 100%. The passing grade is 70%. In a semester examination a grade between 50% and 70% is a condition; below 50% is failure. If one has failed in a subject, he must repeat the subject in course to obtain credit therein. If a condition is not removed within the prescribed time it becomes a failure.

The following markings are sometimes used: A, 90%-100%; B, 80%-90%; C, 71%-80%; D, 70%, (barely passing); E, conditioned; F, failed; I, work incomplete.

TRANSCRIPTS OF RECORDS

Students wishing transcripts of records in order to transfer from this College to another or for other purposes, should make early and seasonable application for the same. No such statements will be made out during the busy periods of examination and registration, September 1st to 15th, January 15th to February 1st and June 15th to July 1st.

COLLEGE HONORS

Commencement Honors

Diplomas are graded as *rite*, *cum laude*, *magna cum laude*, *summa laude*, according to scholarship.

Summa cum laude rank is fixed at ninety-five per cent, *magna cum laude* at ninety per cent, and *cum laude* at eighty-five per cent.

These honors are announced at Commencement in June, are inscribed on the diplomas of the recipients, and appear in the published list of graduates in the annual catalogue.

Honors in Scholarship

The honors and prizes awarded at the end of the year are determined by the combined results of class-work and examinations mentioned above. Four gold medals for Class Honors are awarded each year to those students who lead their respective years in scholarship, provided a grade of 90 or above is maintained for the year's work.

Those who maintain an average of A throughout the year merit the distinction of First Honors. An average of B (85-89) entitles a student to Second Honors. A student who fails to receive at least D (70) in any subject in a semester examination is thereby disqualified to receive any honors during that year.

PRIZES

INTER-COLLEGIATE ENGLISH PRIZE. A purse of \$100.00 (\$50.00 for the first prize; \$20.00 for the second; \$15.00 for the third; \$10.00 for the fourth, and \$5.00 for the fifth), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition among the students of the Jesuit Colleges of the Missouri Province, which are:

| | |
|--------------------------------|------------------------|
| St. Louis University | St. Louis, Mo. |
| St. Xavier College | Cincinnati, O. |
| Loyola University | Chicago, Ill. |
| St. Mary's College | St. Marys, Kas. |
| The Creighton University | Omaha, Neb. |
| University of Detroit | Detroit, Mich. |
| Marquette University | Milwaukee, Wis. |
| St. Ignatius College | Cleveland, O. |
| St. John's University | Toledo, O. |
| Campion College | Prairie du Chien, Wis. |
| Rockhurst College | Kansas City, Mo. |

INTER-COLLEGIATE LATIN PRIZE. For the best Latin essay

from competitors of the same colleges, a gold medal is offered each year by Very Rev. Alexander J. Burrowes, S. J., Provincial.

THE BISHOP MCGOVERN MEDAL. A gold medal is offered by Right Reverend P. A. McGovern, D. D., for the best Catechetical essay.

THE KNIGHTS OF COLUMBUS MEDAL. A gold medal is offered by the Knights of Columbus, Omaha Council No. 652, to the student of the Senior Class who has the highest average for the Senior year.

THE ORATORICAL MEDAL. The Omaha Council of the Ancient Order of Hibernians offers a gold medal for the best original oration delivered in the annual contest in oratory.

THE MRS. JOHN SCHULTZ PRIZE. A cash prize of \$30.00, being the interest on a \$500.00 bond, is available each year for a purpose left to the choice of the faculty. In recent years this cash prize has been assigned to the Public Debate of the Creighton Oratorical Society.

THE ELOCUTION MEDAL. A gold medal is offered by Thomas J. McShane each year for the best recitation in the College elocution contest.

CLASS HONORS. Gold medals are awarded each year to those students who lead their respective classes in scholarship.

RESIDENCE HALLS

St. John's Hall is a dormitory intended for the accommodation of out-of-town students. It provides students with board and lodging at reasonable rates. The discipline of St. John's Hall is under the direct control of the faculty and conditions are maintained conducive to earnestness of application to school work. All out-of-town students attending the High School or College of Liberal Arts are required to stay either at St. John's Hall, Bishop O'Connor Hall, or to reside with near relatives. While the school authorities, in case the dormitory is filled, will assist students from a distance to find suitable homes at reasonable rates for board and room, they will not consent to act as guardians, nor in any way hold themselves responsible for the conduct of these students, when not actually under College supervision.

EXPENSES OF RESIDENCE AND BOARD

A private room can be had in St. John's Hall for \$25.00, \$30.00 or \$35.00 per half year. The difference of price is based upon the location of the rooms. Payment should be made at the beginning of each term, i. e., in September and in February.

Board in St. John's Hall is \$100.00 per term, payable in advance. This price will be maintained unless the cost of living should increase notably. Residents in St. John's Hall who have finished the Freshman College year may board in the Hall or elsewhere as they prefer. All other residents will board in the Hall.

Board and lodging in Bishop O'Connor Hall is \$25.00 per month, payable three months in advance.

A deposit of \$5.00 is to be made at entrance as security against damage to the furnishings of the rooms. This deposit is returnable.

Comparative statement of the expenses of a student residing in the Dormitory for the academic year, September to June 20th.

| | Low | Average | Liberal |
|---------------------------------|----------|----------|----------|
| Tuition | \$000.00 | \$000.00 | \$000.00 |
| Books, Stationery, etc. | 6.00 | 9.00 | 12.00 |
| Residence | 50.00 | 60.00 | 70.00 |
| Board | 200.00 | 200.00 | 200.00 |
| Laundry | 12.00 | 20.00 | 32.00 |
| Students' Fee | 15.00 | 15.00 | 15.00 |
| Total | \$283.00 | \$304.00 | \$329.00 |

FEES AND EXPENSES

Mid Year Examinations, Final Examinations and Statements of Credit will not be given to students who are delinquent in the payment of any bills due to the College.

Tuition is entirely free during the eight years of High School and College courses to those who are following the regular curriculum. However, a charge of \$20.00 a year is made for tuition to those who are pursuing a pre-medical course.

A fee of \$15.00 is charged for student activities, educational and athletic. The payment of this fee entitles the student to membership in the gymnasium, to attend special lectures, athletic events, the Glee Club Concerts, Varsity Debates, Arts Play, to a year's subscription to the Creighton Chronicle and Creighton Courier. Every student is required to pay this fee. No refund is made after October 1st.

| | |
|--|---------|
| Students' Fee | \$15.00 |
| Physics, Laboratory Fee, 10 months..... | 10.00 |
| Breakage deposit, returnable..... | 3.00 |
| Chemistry, Laboratory Fee, 10 months..... | 15.00 |
| Breakage deposit, returnable | 5.00 |
| Biology, Laboratory Fee, 10 months..... | 10.00 |
| Tuition (Premedical Course), 10 months..... | 20.00 |
| Graduation Fee | 10.00 |
| Conditioned Examinations, each..... | 1.00 |
| Conditioned Examinations, taken on any other than the day assigned in College Calendar..... | 2.00 |

Payments for conditioned examinations must always be made before the examinations. Students' Fee should be paid at entrance. Payment of Tuition and Science Fees should be made semi-annually in advance.

CURRICULUM

The College Course extends through four years and embraces instruction in the Departments of Physiology, Economics, Sociology, Education, Language, Literature, History, Science and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The college ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

General Requirements

BACHELOR OF ARTS

All candidates for the degree of Bachelor of Arts must before graduation complete forty semester courses, which shall include two years of college Greek, three years of college Latin, three years of English, two years of Science (in the group Physics, Chemistry, Biology, Geology, Astronomy), one year of History, one year of Mathematics and two years of Philosophy. In addition, the candidate must do the prescribed work in Public Speaking, and, unless he can give evidence that he possesses a reading knowledge of French or German, he must take a two year's course in one of these languages. Catholic students, moreover, will be required to take every year a course in Evidences of the Christian Religion, two hours a week, which, if pursued for two years will be accepted in satisfaction of two semester courses.

The rest of the studies are elective in this sense that the student who wishes to pursue technical or professional courses after or even before graduation will be given full opportunity to take those studies that will best prepare him for such courses and be allowed full liberty, under proper advice, to arrange his work according to the outline of studies given below. Under certain circumstances he may be allowed to drop one of the subjects there prescribed in favor of an elective, with the approval of the Committee on Electives. Any candidate, if found deficient in English, shall, besides his other required work, take such courses as will be prescribed for him by the department of English.

Each student is required to have completed before graduation one major and two minors. A Major consists of six semester courses in the same Department, pursued either during six consecutive semesters, or during the Junior and Senior years. Courses designated as preliminary courses cannot be counted as part of this requirement.

A Minor consists of four semester courses in two departments, other than that of the Major, pursued either during four consecutive semesters or during the Junior and Senior years. Courses designated as preliminary courses cannot be counted as part of this requirement.

In the choice of electives each student must be guided by his prospective future work. He must ascertain, moreover, that such

courses are open to his class; that he has fulfilled the prerequisites, and that there will be no conflict in the schedule of recitations or laboratory periods.

Elections for the second term must be filed by members of the three upper classes with the Dean on or before January 15th, and for the first term on or before May 20th.

Schedule for the A. B. Degree

FRESHMAN YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-----------------------|---------|----------------------|---------|
| Latin 1, 7..... | 4 hours | Latin 2, 8..... | 4 hours |
| Greek 1, 7..... | 4 hours | Greek 2, 8..... | 4 hours |
| English 3..... | 3 hours | English 4..... | 3 hours |
| Mathematics 1..... | 4 hours | Mathematics 2..... | 4 hours |
| <i>Electives (1)*</i> | | <i>Electives (1)</i> | |
| Chemistry | | Chemistry | |
| Biology | | Biology | |

SOPHOMORE YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-----------------------|---------|-----------------------|---------|
| Latin 3, 9..... | 4 hours | Latin 4, 10..... | 4 hours |
| Greek 3, 9..... | 4 hours | Greek 4, 10..... | 4 hours |
| English 5..... | 3 hours | English 6..... | 3 hours |
| History | 4 hours | History | 4 hours |
| <i>Electives (1)</i> | | <i>Electives (1)</i> | |
| French | | French | |
| German | | German | |
| Spanish | | Spanish | |
| Mathematics | | Mathematics | |
| Physics | | Physics | |
| Biology | | Biology | |

JUNIOR YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-------------------|---------|-------------------|---------|
| Philosophy 1..... | 5 hours | Philosophy 2..... | 5 hours |
| Latin 5..... | 3 hours | Latin 6..... | 3 hours |
| English | 3 hours | English | 3 hours |

*Figures in parentheses indicate the number of electives to be chosen.

Electives (2)

French
 German
 Spanish
 Greek
 Mathematics
 History
 History of Philosophy . .
 Economics
 Physics
 Astronomy
 Geology
 Education

Electives (2)

French
 German
 Spanish
 Greek
 Mathematics
 History
 History of Philosophy . .
 Economics
 Physics
 Astronomy
 Geology
 Education

SENIOR YEAR

FIRST SEMESTER

Philosophy 3a, 3b4 hours
 Ethics 54 hours

Electives (3)

English
 Education
 Economics
 Sociology
 Junior Elective

SECOND SEMESTER

Philosophy 44 hours
 Ethics 64 hours

Electives (3)

English
 Education
 Economics
 Sociology
 Junior Elective

BACHELOR OF SCIENCE

The course leading to the degree of Bachelor of Science is open to those who, entering without Latin or Greek, or not wishing to continue these subjects, follow the outline of studies given below. They must complete forty semester courses exclusive of the prescribed work in Public Speaking. Catholic students must also take every year a course in Evidences of Religion of from one to two hours. Every student must take five courses, each course consisting of not less than three hours a week, and he must in Junior and Senior years complete six semester courses in one or two closely allied sciences. The course is so arranged as to give, especially in the Freshman and Sophomore years, a broad training in the fundamental studies necessary for future success

in scientific work, that is, in English, in Physics and Chemistry, in college Mathematics, in Logic and Philosophy and in Modern Languages.

Many Electives are offered in Junior and Senior years. In choosing from them the student must be guided by his prospective future work. He must ascertain, moreover, that such courses are open to his class; that he has fulfilled the prerequisites, and there will be no conflict in the schedule of recitations or laboratory periods. Elections for the second term must be filed by members of the three upper classes with the Dean on or before January 15th, and for the first term on or before May 20th.

Each student is required to have completed before graduation one major and two minors. A major consists of six semester courses in the same department pursued either during six consecutive semesters, or during the Junior and Senior years. Courses designated as preliminary courses cannot be counted as part of this requirement. A minor consists of four semester courses in two departments other than that of the major pursued either during four consecutive semesters or during the Junior and Senior years. Courses designated as preliminary courses cannot be counted as part of this requirement.

Schedule for B. S. Degree

FRESHMAN YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|---------------------------|---------|---------------------------|---------|
| English 3 | 3 hours | English 4 | 3 hours |
| Mathematics | 4 hours | Mathematics | 4 hours |
| German or French | 4 hours | German or French | 4 hours |
| Chemistry | 4 hours | Chemistry | 4 hours |
| <i>Electives (1)</i> | | <i>Electives (1)</i> | |
| Biology | | Biology | |
| A second Modern Language. | | A second Modern Language. | |

SOPHOMORE YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|------------------|---------|------------------|---------|
| English 5 | 3 hours | English 6 | 3 hours |
| German or French | 3 hours | German or French | 3 hours |
| Physics | 4 hours | Physics | 4 hours |

Electives (2)

Mathematics
 A second Modern Language.
 Chemistry
 Biology

Electives (2)

Mathematics
 A second Modern Language.
 Chemistry
 Biology

JUNIOR YEAR

FIRST SEMESTER

English3 hours
 Philosophy 15 hours

Electives (3)

Chemistry
 Mathematics
 Modern Language
 Geology
 Astronomy
 Physics
 Biology
 Education

SECOND SEMESTER

English3 hours
 Philosophy 25 hours

Electives (3)

Chemistry
 Mathematics
 Modern Language
 Geology
 Astronomy
 Physics
 Biology
 Education

SENIOR YEAR

FIRST SEMESTER

Ethics 54 hours
 Philosophy 3a, 3b4 hours

Electives (3)

English
 Sociology
 Economics
 Education
 Astronomy
 Geology
 Junior Elective

SECOND SEMESTER

Ethics 64 hours
 Philosophy 44 hours

Electives (3)

English
 Sociology
 Economics
 Education
 Astronomy
 Geology
 Junior Elective

BACHELOR OF PHILOSOPHY AND BACHELOR OF LITERATURE

The degree of Bachelor of Philosophy, (Ph. B.), is conferred on those who substitute modern languages for the ancient classics prescribed in the A. B. Course in addition to the number of courses pre-

scribed in the departments of Philosophy, English, History, Science, Economics, Sociology and Education.

The degree of Bachelor of Literature, (Litt. B.), is conferred on those who devote most of their attention to modern literature and who substitute modern languages for the ancient classics prescribed in the A. B. Course.

FRESHMAN YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|---------------------------|---------|---------------------------|---------|
| English 3 | 3 hours | English 4 | 3 hours |
| Mathematics 1 | 4 hours | Mathematics 2 | 4 hours |
| Foreign Language | 4 hours | Foreign Language | 4 hours |
| Chemistry 1 | 4 hours | Chemistry 2 | 4 hours |
| <i>Elective (1)</i> | | <i>Elective (1)</i> | |
| A second Modern Language. | | A second Modern Language. | |
| History | | History | |

SOPHOMORE YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-----------------------|---------|-----------------------|---------|
| English 5 | 3 hours | English 6 | 3 hours |
| Foreign Language | 3 hours | Foreign Language | 3 hours |
| History | 3 hours | History | 3 hours |
| Physics 1 | 4 hours | Physics 2 | 4 hours |
| <i>Electives (1)</i> | | <i>Electives (1)</i> | |
| Chemistry | | Chemistry | |
| Biology | | Biology | |
| Mathematics | | Mathematics | |
| History of English | | History of English | |
| Literature | | Literature | |

JUNIOR YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-----------------------|---------|-----------------------|---------|
| English 7 | 3 hours | English 8 | 3 hours |
| Philosophy 1 | 5 hours | Philosophy 2 | 5 hours |
| Foreign Language | 3 hours | Foreign Language | 3 hours |
| <i>Electives (2)</i> | | <i>Electives (2)</i> | |
| History | | History | |
| Geology | | Geology | |
| Astronomy | | Astronomy | |
| Education | | Education | |
| Mathematics | | Mathematics | |

SENIOR YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|----------------------|---------|----------------------|---------|
| Ethics 5 | 4 hours | Ethics 6 | 4 hours |
| Philosophy 3a, 3b | 4 hours | Philosophy 4 | 4 hours |
| <i>Electives (3)</i> | | <i>Electives (3)</i> | |
| Foreign Language | | Foreign Language | |
| English | | English | |
| Economics | | Economics | |
| Sociology | | Sociology | |
| Education | | Education | |
| Junior Elective | | Junior Elective | |

BACHELOR OF SCIENCE IN MEDICINE PRE-MEDICAL COURSE

As the leaders in Medical education in the United States advise a four-year college education for students preparing to study Medicine, pre-medical students are urged to take one of the regular degree courses outlined above. Nearly all standard medical schools require as a minimum two years of college work in addition to a four-year course in an approved high school. The Medical Department of The Creighton University requires at least two years (sixty semester hours) of college work for admission. In this pre-medical course the following subjects are required:

| | |
|------------------------------------|------------------|
| *Chemistry, General Inorganic | 8 semester hours |
| Chemistry, Organic | 4 semester hours |
| Biology | 8 semester hours |
| Physics | 8 semester hours |
| English Composition and Literature | 6 semester hours |

The schedule of subjects followed by pre-medical students at Creighton College is as follows:

FRESHMAN YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-------------------|---------|-------------------|---------|
| Chemistry 3 | 5 hours | Chemistry 4 | 5 hours |
| Philosophy 1 | 5 hours | Philosophy 4, 5 | 5 hours |
| English 1 | 3 hours | English 2 | 3 hours |
| Mathematics 1 | 4 hours | Mathematics 2 | 4 hours |
| Military Training | 2 hours | Military Training | 2 hours |

*It is possible to enter without organic Chemistry until January 1, 1919.

SOPHOMORE YEAR

| FIRST SEMESTER | | SECOND SEMESTER | |
|-------------------|--------------|-------------------|--------------|
| Chemistry 13 |5 hours | Chemistry 14 |5 hours |
| Biology 1 |5 hours | Biology 2 |5 hours |
| Physics 1 |4 hours | Physics 2 |4 hours |
| Foreign Language |4 hours | Foreign Language |4 hours |
| Military Training |2 hours | Military Training |2 hours |

The successful completion of the course outlined above and of the courses prescribed in the Freshman and Sophomore years of the Medical Department entitles the student to the degree of Bachelor of Science in Medicine.

PRE-LEGAL COURSES

On account of the higher requirements now obtaining in the Law Colleges of the United States, pre-legal courses have been arranged for those looking forward to the law as a profession. The Law Department of The Creighton University requires at least one year of collegiate training for admission to its courses and urges that three or four years be taken in a College of Liberal Arts in preparation for law studies. Hence two kinds of programs are here given: one for students who wish to spend one or two years in preparatory work, NOT AS CANDIDATES FOR A DEGREE, but solely to equip themselves better for law studies; the other for students who enter as candidates for an academic degree, (A. B., B. S., Ph. B., Litt. B.) but expect afterwards to pursue a course in law.

I. Pre-Legal Students, Not Candidates for an Academic Degree

ONE YEAR COURSE

| FIRST SEMESTER | | SECOND SEMESTER | |
|-------------------|--------------|-------------------|--------------|
| Philosophy 1 |5 hours | Philosophy 4, 5 |5 hours |
| English 1 |5 hours | English 2 |3 hours |
| Foreign Language |4 hours | Foreign Language |4 hours |
| History or Social | | History or Social | |
| Science 1 |3 hours | Science 2 |3 hours |
| Public Speaking |2 hours | Public Speaking |2 hours |
| Military Training |2 hours | Military Training |2 hours |

TWO YEAR COURSE

First year: as outlined above.

Second year:

| FIRST SEMESTER | | SECOND SEMESTER | |
|-------------------|--------------|-------------------|--------------|
| English 5 |3 hours | English 6 |3 hours |
| Foreign Language |4 hours | Foreign Language |4 hours |
| History or Social | | History or Social | |
| Science 3 |3 hours | Science 4 |3 hours |
| Public Speaking |2 hours | Public Speaking |2 hours |
| Military Training |2 hours | Military Training |2 hours |

II. Pre-Legal Students Who are Candidates for Academic Degrees

THREE YEAR COURSE

When the pre-legal student has chosen the degree for which he wishes to be a candidate, his program of studies will be so arranged that within three years he will be able to complete the subjects required for his prospective degree. The elective subjects may be chosen from the courses offered at the Law School.

FOUR YEAR COURSE

Candidates intending to spend four years in academic work will have their program of studies made up from the schedules given above for their various academic degrees, the program of studies differing according to the degree the student has in view.

TRAINING OF TEACHERS

The University First Grade City State Teachers' Certificate is granted to graduates of the College who have satisfactorily completed this special course as outlined below, in virtue of the recognition of The Creighton University by the State Superintendent of Public Instruction "as an institution duly incorporated under the laws of the State of Nebraska, and having an equivalent of the courses in the University of Nebraska for the degrees of Bachelor of Arts and Bachelor of Science. It is therefore, authorized to issue certificates to such graduates as have completed the course of special training and instruction of teachers, said course being an equivalent of the course prescribed by the

regents and faculty of the University of Nebraska for the special training and instruction of teachers, and such graduates shall be accredited as qualified teachers within the meaning of the school laws of the State, having equal privilege upon equal conditions with graduates from any and all other educational institutions within the State under the school laws thereof."

Requirements: First. General knowledge. The candidate must hold the Bachelor's or Master's degree from this University.

Second. Special knowledge. The completion of work amounting to at least forty hours divided between two or three subjects which the student expects to teach, the ultimate decision as to the student's proficiency resting with the Professors concerned.

Third. Professional knowledge. The completion of six hours Psychology and of fifteen hours in the History and Science of Education, Educational Psychology and Educational Theory and Practice.

Fourth. Practice Teaching. Three to five hours weekly for one semester devoted to actual teaching and five hours weekly for one semester devoted to observation of expert teaching.

Outline of Courses of Study

In the numbering of courses an *odd* numeral denotes the first semester, an *even* number the second semester.

In the laboratory courses a minimum of two hours of actual work in laboratory is required for each hour of credit.

The Faculty reserves the right to refuse to offer a course for which there is not a sufficient number of applicants.

ASTRONOMY

1. DESCRIPTIVE ASTRONOMY. Fundamental astronomical facts and principles: astronomical co-ordinates; the celestial sphere. Astronomical instruments. The sun, moon and eclipses. The planets. Comets, meteors. Constellations, clusters and nebulae.

Three hours.

2. SPHERICAL AND PRACTICAL ASTRONOMY. Introduction to celestial mechanics. The determination of time, latitude and longitude. Conic sections. Orbits of planets and satellites.

Three hours.

BIOLOGY

1. INVERTEBRATE ZOOLOGY.

A study of the morphology, physiology, and life history of invertebrate animals. Special attention is given to parasitic Protozoa and Vermes and to insects which act as carriers of disease. Lectures and recitations, three hours a week; laboratory work, two periods a week, first semester.

Five hours

2. VERTEBRATE ZOOLOGY.

The comparative anatomy and physiology of vertebrate animals, including an introduction to vertebrate embryology, based primarily on the development of the frog. Attention is also given to problems of broader biological interest, including especially the general problem of heredity. Lectures and recitations, three hours a week; laboratory work, two periods a week, second semester. *Five hours.*

3-4. ZOOLOGY.

A course giving a general survey of the field of Zoology. Field and library work supplement the laboratory. Lecture and recitation, two periods; laboratory, two periods. Two semesters.

Four hours.

5-6. BOTANY.

A course offering a general survey of the plant kingdom. Mostly morphological, it includes a study of types of all the phyla. Field and library work. Lectures and recitation, two periods; laboratory, two periods. Two semesters.

Four hours.

7-8. COMBINED COURSE IN BOTANY AND ZOOLOGY.

A course offering a survey of the more important groups and vital phenomena of the plant and animal kingdom. Botany, first semester; Zoology, second semester. Field and library work. Lecture and recitation, two periods; laboratory, two periods. Two semesters.

Four hours.

9-10. PHYSIOLOGY.

A general and elementary course in animal function, with special lectures on hygiene. Lecture and recitation, two periods; laboratory, two periods. Two semesters.

Four hours.

11. HISTOLOGY TECHNIQUE.

An opportunity is offered to pre-medical students for learning the technique of cutting and staining histological sections. Course by special arrangement with instructor.

CHEMISTRY

1-2. GENERAL INORGANIC CHEMISTRY.

An introductory course dealing with the fundamental theories and principles of the science, intended for students beginning the study of chemistry in college. This course is planned not only for those who recognize chemistry as an important part of a liberal education, but also to afford a thorough foundation for prospective teachers and professional students.

Instruction is given by means of lecture-demonstrations, recitations, problems, and carefully selected laboratory work. Two lectures and two laboratory periods a week. Two semesters.

Four hours.

3-4. GENERAL INORGANIC CHEMISTRY.

Prerequisite: One year of work in chemistry in High School. This course covers the same work as Course 1, but laboratory work is more advanced. Three lectures and two laboratory periods a week. Two semesters. *Five hours.*

5-6. GENERAL AND ANALYTICAL CHEMISTRY.

This course differs from Course 1 and Course 2 in that the elements of analysis are introduced in the second semester. It is designed to meet the needs of students who cannot give more than one year to general chemistry and analysis. Three lectures and two laboratory periods a week. Two semesters. *Five hours.*

7-8. ELEMENTARY QUALITATIVE ANALYSIS.

Prerequisite: Course 1-2 or 3-4 or equivalent.

The periods of class work in this course are divided between lectures on the theories and practice of analysis, recitations and discussions on the laboratory work. Considerable stress is laid upon the application of the laws of equilibrium, and of the theories of solution and electrolytic dissociation. Two lectures and three laboratory periods a week. Two semesters. *Five hours.*

9. ADVANCED QUALITATIVE ANALYSIS.

A continuation of Course 7-8. In this course the more difficult theoretical questions and applications are taken up. The laboratory work will be devoted to complete analyses of more difficult minerals, alloys, etc., and will be varied according to the purpose that the student has in view in taking the course. One lecture and three laboratory periods a week. One semester.

Four hours.

10. QUANTITATIVE ANALYSIS.

Prerequisite: Course 5-6 or equivalent.

An introductory course designed to familiarize the student with manipulation, calculation and typical gravimetric, volumetric and electrolytic methods. It provides the necessary preparation for more advanced work and for special methods of analysis. One lecture and two laboratory periods a week. One semester.

Three hours.

11. ADVANCED QUANTITATIVE ANALYSIS.

A continuation of Course 6. The laboratory work will consist of the complete analysis of rocks, minerals, ores, slags, alloys, commercial materials and products. Chiefly laboratory work. Three periods a week. One Semester. *Three hours.*

12. VOLUMETRIC ANALYSIS.

Prerequisite: Course 3 or equivalent.

This course is especially designed for students desiring to take up volumetric analysis as a preparation for medicine. It will include typical illustrations of volumetric processes and discussions of the theoretical questions involved. One lecture and two laboratory periods a week. One semester.

13-14. ORGANIC CHEMISTRY.

Prerequisite: Course 1-2 or 3-4 or equivalent.

A general introduction to organic chemistry, covering the chief classes of organic compounds of both the aliphatic and aromatic series, their relation and theories of their constitution.

The laboratory work will consist in the preparation and study of the reactions of the compounds taken up in class.

This course is recommended to students preparing for medicine. Three lectures and two laboratory periods a week. Two semesters.

EDUCATION

1. HISTORY OF EDUCATION.

Ancient and mediaeval education; theories, methods and ideals. First semester. *Three hours.*

2. HISTORY OF EDUCATION.

Modern education; the Renaissance and humanistic studies; a survey of systems, movements and tendencies in educational ideas and methods during the sixteenth, seventeenth, eighteenth and nineteenth centuries. Present tendencies in France, Germany and England, and especially in the United States. Second semester.

Three hours.

3. SCIENCE OF EDUCATION.

The principles underlying all education, and the relative values

of different curricula when tested by these principles. Lectures, discussions, required reading and reports. *Three hours.*

4. METHODS OF TEACHING.

Educational theory and practice, general and special; comparative study of the principal systems of education. Lectures, required readings and discussions. *Three hours.*

5. SCHOOL ORGANIZATION.

A study of class-room management and high school administration; the School Code of Nebraska, American secondary schools, public and private; typical high school courses; grouping and evaluation of studies; the mechanics of the recitation; the problems of grading, promotion and school record. *Three hours.*

6. PSYCHOLOGY.

Empirical and rational psychology. (See under Philosophy 4.) *Four hours.*

7. EDUCATIONAL PSYCHOLOGY.

A study of psychological facts in their bearing on the work of education; physical growth and mental development; instincts, heredity, individuality, abnormalities. *Three hours.*

8. CHILD STUDY.

The application of the physiology and psychology of childhood and adolescence to education. *Three hours.*

9-10. OBSERVATION AND PRACTICE TEACHING.

During the first semester each student will be required to observe and discuss classes taught in The Creighton University High School and St. John's Grade School. Two hours each week for Seniors. During the second semester each student will prepare thirty recitations, and teach them under the supervision of a critic teacher. *Three hours.*

ENGLISH

1. RHETORIC AND COMPOSITION.

A course in the essentials of Rhetoric and in the various modes of composition. Required of Freshman students who are deficient in the theory or practice of correct English. *Three hours.*

2. ADVANCED RHETORIC.

A systematic course based on textbooks, in the theory of rhetoric, the study of style, and the requisites of the various species of writing. A prerequisite to course 10. *Three hours.*

3. POETRY.

The principles of versification, with particular attention to the fixed forms; the nature and elements of poetry, its various species, except the drama. Reading, analysis and appreciation of the chief poets, partly in class study, partly in assignments. Composition in the shorter forms. Required of Freshmen. *Three hours.*

4. THE SHORT STORY; THE ENGLISH NOVEL.

(a) The Short Story. The theory and technique of the short story; its development and various kinds. Reading and appreciation of short stories, and composition in the form.

(b) The Novel. The principal purpose of this course is to study the technique of the novel, the various schools of fiction and their tendencies, with especial attention to their ethical and literary value. The historical development will be briefly surveyed. Required of Freshmen. *Three hours.*

5. ORATORY.

The theory of oratory; analysis and study of oratorical masterpieces; historical study of the great orators. The preparation of briefs, the composition and delivery of short addresses, speeches for occasion, debates, and at least one formal oration, will be required. *Three hours.*

6. JOURNALISM.

(a) The ethics of journalism; a brief survey of the history of journalism, its development, and a discussion of its present tendencies.

(b) The technology of the pressroom, news gathering and reporting; preparation of copy, copy-reading, proof-reading, interviewing and editing. Field work will be required, and co-operation with the College periodicals. *Three hours.*

7. THE DEVELOPMENT OF THE DRAMA.

The technique of the drama; its various forms. The theory of the

drama will be studied, by means of lectures and assignments, in its history and development; examples of the different forms will be analyzed; composition in dialogue, dramatic sketches, playlets, scenarios, and at least one complete drama, will be required.

Three hours.

8. SHAKESPEARE—THE MODERN DRAMA.

(a) Shakespeare's life, influence, sources of his dramas; an acquaintance by reading and assignments, with the Shakespearean literature of criticism; a study of the chief plays, especially in comparison with those of other dramatists.

(b) This course will be confined to English and American Drama, though some of the continental influence will be noted and analyzed. The more noteworthy plays of the chief dramatists from Goldsmith and Sheridan to the present will be read.

Three hours.

9. AESTHETICS AND LITERARY CRITICISM.

The philosophical basis of aesthetics, the elements of taste; the theory of criticism; a survey of critical standards; a study of the schools of criticism and of the work of the chief literary critics. Critical papers on assigned subjects will be required.

Three hours.

10. THE ESSAY.

The nature of the essay; the artistic and didactic types, and their various forms; the characteristics of each. An historical survey of the essay with a brief study of the works of the chief essayists. Newman will receive especial attention. Composition in the various forms of the essay will be required.

Three hours.

11. HISTORY OF ENGLISH LITERATURE.

(a) Early English Literature. A general survey of the origin and development of the periods to 1750; chief writers and characteristics.

(b). English Literature since 1750. An outline history of modern English literature, with required readings and assignments to cover subjects not provided for in other courses.

(c) American Literature. An historical survey, with especial emphasis on the chief influences and writers.

Three hours.

EVIDENCES OF RELIGION

1. THE CHRISTIAN REVELATION.

The virtue of religion. Direct acts of religion; indirect acts. Christianity a revealed religion. Revelation in general. Pre-Christian revelation. The Christian revelation. The Church; its Institution and End. *Two hours*

2. THE CATHOLIC CHURCH.

The constitution of the Church. Marks of the Church. Teaching Office of the Church. Holy Scripture. Tradition. The Rule of Faith. The Church as a means of salvation. *Two hours.*

3. GOD, UNITY AND TRINITY.

Creeds. The Existence of God. Nature and Attributes of God. Atheism and Agnosticism refuted. The Unity of God. The Trinity. *Two hours.*

4. CREATION AND REDEMPTION.

Creation: The spiritual world; the material world. Man and the Fall. God the Redeemer; the person and nature of the Redeemer; the work of the Redemption. *Two hours.*

5. GRACES AND THE SACRAMENTS.

Grace, actual, habitual, sanctifying; infused and acquired virtues. Pelagianism, Jansenism, Naturalism and other errors refuted. The Sacraments in general. Baptism; Confirmation. *Two hours.*

6. THE SACRAMENTS. (Continued).

The Blessed Eucharist as a Sacrament and as a Sacrifice. The Sacrament of Penance; Extreme Unction; Holy Orders; Matrimony. Sacramentary errors refuted. *Two hours.*

7. ESCHATOLOGY AND ASCETICISM.

The Last Things. The Veneration of Saints, etc. Christian Perfection. *Two hours.*

8. CHRISTIAN MORALITY AND VIRTUE.

The Basis of Morality. Law; conscience; free will. Moral good and moral evil. The Christian's duties towards God. Natural and supernatural virtues. Faith, Hope and Charity. The Christian's duties towards himself and his neighbor. *Two hours.*

FRENCH**A. ELEMENTARY FRENCH.**

Chardenal's Complete French Course. Careful drill in pronunciation. The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the order of words in the sentence; colloquial exercises; writing French from dictation; easy themes; conversation. First semester. *Four hours.*

B. ELEMENTARY FRENCH. (Continued).

Chardenal's Complete French Course. Mastery of all the rare irregular verb forms; uses of the conditional and subjunctive; syntax. Reading of graduated texts, with constant practice in translating into French portions of the text read; dictation, conversation. Second semester. *Four hours.*

C. INTERMEDIATE FRENCH.

Reading, conversation, prose composition, letter-writing, exercises in French syntax. Prerequisite: French A and B or equivalents. First semester. *Four hours.*

D. INTERMEDIATE FRENCH. (Continued).

Grammar review, with special attention to problems in syntax. Detailed written abstracts of texts read. Letter-writing. Conversation. Second semester.

Texts: Bruno, *Le Tour de la France*; Sarcey, *Le Siege de Paris*; Renard, *Trois Contes de Noel*; Labiche and Martin, *Le Voyage de M. Perrichon*; Fortier, *Napoleon*; Chateaubriand, *Les Aventures du Dernier Abencerage*. *Four hours.*

1. MODERN FRENCH PROSE.

The study of novels or short stories by modern French prose writers: Erchmann-Chatrian, Bazin, Corneille, Chateaubriand and others. Grammar and composition based on a French text.

Three hours.

2. FRENCH POETRY OF THE NINETEENTH CENTURY.

Readings from Alfred de Vigny, Alfred de Musset, Lamartine and others, with an introduction to French versification. Selections committed to memory. *Three hours.*

3. FRENCH ORATORY.

A study of the French orators and their works; Bossuet, Bourdaloue, Massillon, Flechier; prose composition; private reading.

Three hours.

4. THE FRENCH DRAMA.

The reading of dramas chosen from such authors as Corneille, Moliere, Racine, together with a study of their lives and works.

Three hours.

5. HISTORY OF FRENCH LITERATURE.

A general survey of the history of French literature from its earliest beginnings to the close of the reign of Louis XIV; ¹/₂ collateral reading.

Three hours.

6. HISTORY OF FRENCH LITERATURE.

A general outline of the literature of the seventeenth, eighteenth and nineteenth centuries, dealing only with writers of first importance.

Three hours.

GEOLOGY

1. DYNAMICAL AND STRUCTURAL GEOLOGY.

Atmospheric, aqueous and igneous agencies and their work. Rivers. River and marine deposits. Glaciers. Earth movements. Volcanoes. Earthquakes. Classification of rocks. Metamorphism. Mineral deposits. Coal, oil and natural gas. Mountain formation and topography.

Three hours.

2. HISTORICAL GEOLOGY.

Evolution of the earth. Fossils and their significance. Geological eras, periods, epochs and corresponding systems. The prevalent species of plants and animals of the successive geological ages. The advent of man.

Three hours.

GERMAN

A. ELEMENTARY GERMAN.

This course is intended for students who have not presented German for admission. German pronunciation, colloquial exercises, easy themes, translation from prose selections. First semester.

Four hours.

B. ELEMENTARY GERMAN. (Continued).

Weak and strong verbs; the use of the modal auxiliaries; the chief rules of syntax and word-order; selections in prose and verse; dictation based upon the reading; frequent short themes; conversation; memorizing of poems.

Reading: Baumbach, *Der Schwiegersohn*; Strom, *Imensee*; Arnold, *Fritz auf Ferien*; Wildenbruch, *Das edle Blut*.

Four hours.

C. INTERMEDIATE GERMAN.

Rapid review of grammar; dictation; prose composition. Open to students who have credit for German A and B, or who have presented Elementary German for admission. First semester.

Four hours.

D. INTERMEDIATE GERMAN. (Continued).

The more difficult points of syntax; special problems of grammar. Reading of selected texts. Dictation and themes based upon the reading. Memorizing of poems. Second semester.

Reading: Schiller, *Wilhelm Tell*; Goethe, *Herman und Dorothea* and *Iphigenie*; Uhland's Poems.

Four hours.

1. GERMAN PROSE WRITERS.

The study of novels or short stories by German prose writers: Freytag, Hauff, Herbert, Stifter, Novalis, Brentano, Eichendorff.

Three hours.

2. GERMAN POETRY.

Readings from German ballads and lyrics. Selections committed to memory. Special attention is given to the study of rhythm and metre.

Three hours.

3. THE GERMAN EPIC.

Weber, *Dreizehnlinden*; Scheffel, *Der Trompeter von Sakkingen*; selections from other epic poems.

Three hours.

GREEK

A-B. ELEMENTARY GREEK.

An intensive course, intended for those who enter without Greek, which is required for the A. B. degree. Benner-Smyth, *Begin-*

ners' *Greek Book*; Xenophon, *Anabasis*; Homer, *Iliad*; composition based upon Xenophon. Throughout the year. *Five hours.*

1. HOMER; NEW TESTAMENT.

Homer, the reading of selected portions of the *Iliad*; New Testament, selections; Homeric dialect, prosody; outline of Greek epic poetry. *Three hours.*

2. PLATO.

The *Apology* and *Crito*; the life and teaching of Socrates; contemporary Greek history. *Three hours.*

3. DEMOSTHENES.

Philippics; analysis of Philippic I or III; the history of the development of Greek oratory. *Three hours*

4. DEMOSTHENES; SOPHOCLES.

Demosthenes, *On the Crown*, with detailed analysis; Sophocles, *Antigone*, *Oedipus Tyrannus* or *Oedipus Coloneus*; sight reading, New Testament, selections from the Greek Fathers. *Three hours*

5. PLATO; HERODOTUS.

Plato, *Phaedo*; Herodotus, selections; Greek historians and historical sources. *Three hours.*

6. AESCHYLUS.

Prometheus Bound, or *Agamemnon*; a survey of the Greek drama. *Three hours.*

7-8. PROSE COMPOSITION.

Practice in the writing of simple Greek. Required in connection with courses 1 and 2. *Two hours.*

9-10. ADVANCED PROSE COMPOSITION.

Required in connection with 3 and 4. *Two hours.*

HISTORY

1. EARLY MEDIAEVAL HISTORY.

Migration of Nations. The Islam, the Franks, the Lombards, and the Holy See. Church and State. The Carolingians. The Northmen in Europe. The Making of Germany and the Rise of the Empire. Lay-Investiture. *Three hours.*

2. THE MIDDLE AGES.

The Crusades. The Hohenstaufens. Invasion of the Mongols. Saint Louis. Life in the Middle Ages. Feudalism. England and France in the Middle Ages. *Three hours.*

3. RENAISSANCE AND REVOLUTION.

The Exile of the Papacy. The Western Schism. The Hundred Years War. The War of the Roses. Consolidation of European Monarchies. The Revival of Learning, of Art and Politics. Social Conditions. The Protestant Revolution in Germany, England and Scotland. Catholic Revival. *Three hours.*

4. RESULTS OF THE PROTESTANT REVOLUTION.

The Huguenot Wars in France. The Revolt of the Netherlands. The Thirty Years War. The Puritan Revolution. The Age of Louis XIV. War of the Spanish Succession. The Church and the State. *Three hours.*

5. EUROPE DURING THE EIGHTEENTH CENTURY.

The Making of Russia. The Rise of Prussia. The Downfall of Poland. The French Revolution. Napoleon Bonaparte. *Three hours.*

6. EUROPE SINCE 1814.

The Industrial Revolution. England and France in the Nineteenth Century. The Unification of Germany. The Unification of Italy. The Social, Political and Religious Conditions in Europe. The Eastern Question. The Partition of Africa. The World War of 1914. *Three hours.*

LATIN

1. VERGIL; HORACE.

Selections from the Aeneid and Georgics, with special reference to their literary qualities. Horace, *Ars Poetica*; readings from Christian hymnology; prosody. *Three hours.*

2. LIVY.

Selections from Books XXI and XXII; a study of Livy's style; elements of change from the prose of the Ciceronian age. Second semester. *Three hours.*

3. HORACE; CICERO.

Horace, selected *Odes* and *Epodes*. Selections from Christian hymnology. Cicero, *Pro Milone* with special reference to its rhetorical and argumentative qualities. First semester.

Three hours.

4. HORACE; TACITUS.

Horace, selected *Epistles* and *Satires*. Lectures on the chief characteristics of Roman satire; Horace's philosophy of life. Tacitus, *Agricola* and *Germania*; the Latinity of the first and second centuries after Christ. Essays in Latin.

Three hours.

5. JUVENAL; CICERO.

Juvenal, selected *Satires*. Cicero, *Quaestiones Tusculanae*; Cicero's position as a philosopher, his contribution to Roman philosophic writings. First semester.

Three hours.

6. CICERO; PLAUTUS; PLINY.

Cicero, *Quaestiones Tusculanae*. Plautus, *Captivi*. Pliny, *Letters*.

Three hours.

7-8. PROSE COMPOSITION.

The translation into Latin of select passages from English classic authors. Kleist's *Aids to Latin Prose Composition* and a *Practical Course in Latin Composition*. Prerequisite or parrallel: Courses 1 and 2. Both semesters.

Two hours.

9-10. ADVANCED PROSE COMPOSITION.

A course in advanced prose composition consisting of short original papers in Latin; intended to accompany Courses 3 and 4. Required of A. B. Sophomores. Both semesters.

Two hours.

MATHEMATICS

1. COLLEGE ALGEBRA.

Including binomial theorem, variables and limits, series, determinants and the theory of equations.

Text: Hawkes' Higher Algebra. Prescribed for Freshmen.

Four hours.

2. PLANE TRIGONOMETRY.

Functions of acute angles. The right triangle. Goniometry.

- The oblique triangle. Construction of logarithmic tables.
Text: Wentworth. Prescribed for Freshmen. *Four hours.*
3. ANALYTIC PLANE GEOMETRY.
Loci and equations. The straight line. The circle. Different systems of co-ordinates. The parabola. The ellipse. The hyperbola. Open to Sophomores and Juniors.
Text: Wentworth. *Three hours.*
4. ANALYTIC SOLID GEOMETRY.
The point. The plane. The straight line. Surface of revolution. Open to Sophomores and Juniors.
Text: Wentworth. *Three hours.*
5. DIFFERENTIAL CALCULUS.
Fundamental notions of variables, functions, rates and limits. Geometrical representations of functions. Derivatives, differentials, anti-derivatives and anti-differentials. The differentiation of ordinary functions; algebraic, logarithmic, exponential, trigonometric and anti-trigonometric functions. Open to Sophomores and Juniors.
Text: Murray's *Infinitesimal Calculus.* *Three hours.*
6. INTEGRAL CALCULUS.
The nature of integration. Elementary integrals. Geometrical applications of integration. Irrational and trigonometric functions. Successive integration. Multiple integrals. Infinite series. Taylor's and Maclaurin's theorems. Open to Sophomores and Juniors.
Text: Murray's *Infinitesimal Calculus.* *Three hours.*

PHILOSOPHY

NOTE—The courses outlined below take two years for their completion. A shorter course embracing Logic, Psychology and Ethics is offered and required as a minimum from all candidates for degrees.

1. LOGIC.
(a) Dialectics. Simple intellectual apprehension. Classification of ideas. Verbal terms. Judgment. Classification of propositions. Opposition, equivalence and conversion of propositions. Reasoning. Verbal expression or reasoning. Laws of the syllogism.

Figures and moods of the syllogism. Classification of syllogisms. Other forms of argumentation. Demonstrative, probable, sophistical reasoning. Logical division. Definition. Method, analytic and synthetic.

(b) Criteriology. Logical truth and falsity. Various states of mind possible in regard to truth. Certitude. Skepticism, universal and partial. Trustworthiness of our faculties for the attainment of logical truth; consciousness, the external senses, objective value of universal ideas and immediate a priori analytical judgments, deductive reasoning, scientific induction. Human testimony, particular and universal. Divine testimony. Objective evidence as the universal criterion and ultimate motive of natural certitude. *Five hours.*

2. GENERAL METAPHYSICS OR ONTOLOGY.

Real being. Essence and existence. Possible being. The transcendental attributes of being—unity, truth, goodness. Substance. Accidents. Person. Relation. Causality. Material, formal, efficient, final causes. Grades of perfection of being: simple and composite being, finite and infinite being, self-existing and caused being, order, beauty. *Five hours.*

3. COSMOLOGY AND NATURAL THEOLOGY.

(a) The primal efficient cause of the universe: materialism, pantheism, creationism. The ultimate final cause of the universe: God's extrinsic glory and the intrinsic perfection and eternal beauty of rational creatures. General properties of corporeal substance: chemical, physical, mechanical facts. The radical intrinsic constituents—primary, material and formal causes—of corporeal substance; theory of mechanical atomism, of dynamism, of chemical atomism, of energism, of hylomorphism. Space and time. The laws of nature. Miracles. *Two hours.*

(b) The existence of God. The fundamental attributes of the Personal God. The divine intellect. The divine will. Divine preservation and concurrence. Divine providence. Refutation of atheism, agnosticism, pantheism, polytheism, manicheism. *Two hours.*

4. PSYCHOLOGY.

(a) Life. Organic or vegetative life. The living cell. The vital principle. Sentient or animal life. The nervous system. Sense-organs. Sensuous cognition. Sensuous appetency. Spontaneous movement. The principle of sensitive life. Origin of species.

(b) Rational life. Intellectual cognition and the intellect. Genesis of intellectual ideas. Volition and the will. The free will of man. The principle of life in man. The human soul a substantial, simple, spiritual, immortal principle. Origin of the human soul. Origin of the human species. *Four hours.*

5. GENERAL ETHICS.

Ethics defined. The material object of ethics: the human act, the voluntary, the free and deliberate, and the causes modifying the voluntary and the free. The foundation of morality: the ultimate end of man, the divine eternal law, the divine natural law. The formal object of ethics; the morality of human acts, the norm of morality, hedonism, utilitarianism, rationalism and moral positivism refuted, the determinants of morality, the proximate objective criterion of morality conscience. *Four hours.*

6. SPECIAL ETHICS.

Rights and duties in general. Man's duties towards God. Man's duties towards himself. Man's duties towards others. Right of ownership. Social system of collectivism. Socialism. Modes of acquiring property. Society in general. The family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society: its nature, origin, end. Origin of supreme civil authority. The subject of supreme civil authority. Specific forms of civil government. Functions of civil government. International law. *Four hours.*

7. HISTORY OF ANCIENT GREEK PHILOSOPHY.

In ancient Greek philosophy attention is directed primarily to the teachings of Socrates, Plato and Aristotle, and to the systems of Stoicism and Epicureanism. Plotinus is taken as representative of the Alexandrian movement; and St. Augustine is studied as

the most conspicuous example of the early Christian philosopher. The course is carried on by means of lectures and recitations and the reading of representative selections. Turner's History of Philosophy is used as the basis of lectures and recitations. First semester. *Two hours.*

8. HISTORY OF MEDIAEVAL AND MODERN PHILOSOPHY.

In the study of mediaeval philosophy attention is centered on the origin and development of Scholastic philosophy and on the system of St. Thomas as the most complete synthesis of mediaeval thought. In the division of modern philosophy, Descartes, Locke, Hume, Kant, Hegel and Spencer are taken for special study. Among present day tendencies the revival of Scholasticism and the trend towards realism are noticed. DeWulf's Mediaeval Philosophy is made the basis of the treatment of Scholastic philosophy and Turner's History of Philosophy is used as the text for modern systems. Lectures, recitations, readings and discussions. Second semester. *Two hours.*

PHYSICS

1. GENERAL PHYSICS.

Mechanics; equilibrium and motion of solids, liquids and gases; molecular forces, elasticity and capillarity; heat and sound. Lectures, three hours a week, with two hours laboratory work.

Four hours.

2. GENERAL PHYSICS. (Continued).

Light, electricity and magnetism. Lectures, three hours a week, with two hours laboratory work.

Text: Carhart's *College Physics*.

Four hours.

3. MECHANICS AND HEAT.

This course embodies the theory as well as the accurate determination of physical constants; adjustments and use of instruments of precision; varification of laws of impact, torsion, rigidity, etc.; Young's Modulus, Moment of Inertia. Determination of vapor pressures and densities; freezing and boiling points; specific heats; hygrometry. Lectures, recitations and laboratory work.

Four hours.

4. LIGHT, SOUND, ELECTRICITY.

The discussion of the theories which underlie the phenomena of these subjects, with due emphasis upon the important application of waves and harmonic motion to these phenomena. The laboratory covers the law of refraction, diffraction, spectrum analysis, photometry, polarization; stationary waves, Lissajous' curves; electrostatic induction, capacity of condenser, measurement of resistance, operation of dynamo, motor, alternator, transformer. Lectures, recitations and laboratory work.

Prerequisites: Plane Trigonometry, High School Physics.

Text: Carhart's *College Physics*.

Four hours.

5-6. THEORY AND METHODS OF PHYSICAL MEASUREMENTS.

The construction, use and adjustments of accurate laboratory apparatus, particular attention being paid to optical and electrical measurements. Throughout the year. Two lectures and two laboratory periods.

Prerequisite: Courses 1 and 2.

Four hours.

PUBLIC SPEAKING

1. PRINCIPLES OF VOCAL EXPRESSION.

Practical training in the fundamentals of effective speaking. Instruction on the management of the breath; methods of acquiring clear articulation; correct and refined pronunciation; direct, conversational and natural speaking; inflection; qualities of voice and their use; purity, range and flexibility of tone. Individual criticism and conferences with the instructor. Required of Freshmen.

One hour.

2. GESTURE AND TECHNIQUE OF ACTION.

The study of poise; posture, movement and gesture; spontaneity of expression; correction of mannerism; power and pathos; ease, grace and effectiveness of delivery. Class exercises, criticism and conferences. Required of Freshmen.

One hour.

3. ARGUMENTATION AND DEBATING.

A practical training for those students who have taken or are taking the course in oratory prescribed under English 5. Thought

development; division and arrangement; argumentative, persuasive and demonstrative speeches; a finished argument and the fallacies of argument; the essentials of parliamentary law and practice; manner of conducting deliberative assemblies. Class exercises, individual criticisms and conferences. Required of Sophomores.

One hour.

4. THE OCCASIONAL PUBLIC ADDRESS.

Informal public addresses; the presentation of business propositions before small or large audiences; impromptu and extempore speaking; after-dinner talks. Speeches for various occasions. Class exercises, individual criticisms and conferences. Required of Sophomores.

One hour.

5-6. PRACTICAL ORATORY AND DEBATING.

This course covers three years and is open to all the students of the College. Its aim is to afford special training in public speaking. To this end strict parliamentary practice is followed throughout. The literary and oratorical exercises include declamations and elocutionary reading; criticism and discussion of interpretation and delivery; composition and reading of short stories, poems and essays; orations illustrative of rhetorical principles; extemporaneous speaking; the knowledge and application of parliamentary law; debates.

Two hours

SOCIAL SCIENCES

1. ECONOMICS.

A general introductory course in Economics, dealing especially with the factors of production and the mechanism of exchange. The course is conducted by means of lectures and recitations and the class discussion of simpler economic problems. First semester.

Three hours.

2. ECONOMICS.

A continuation of Course 1, dealing with the subjects of business organization and administration and the distribution and consumption of wealth. The course concludes with an historical account of the chief schools of economic thought. Lectures, recitations and discussions. Second semester.

Three hours.

3. SOCIOLOGY.

After a consideration of the meaning and scope of sociology as a science, the elements of the social organism—the individual, the family, the state and the church—are studied in their relations to one another and to the social welfare. The principles underlying possible social reform and the influences effective for such reform are emphasized. The history of social reform is briefly summarized. First semester. *Three hours.*

4. SOCIOLOGY.

This course continues Course 3, and is intended to show the application of the principles of Sociology to specific social problems, such as the labor question, immigration, poverty, intemperance, etc. Second semester. *Three hours.*

SPANISH

A-B. ELEMENTARY SPANISH.

The elements of grammar; composition and conversation; careful drill in pronunciation; dictation; reading of easy prose. De Vitis, *Spanish Grammar*; Hills, *Spanish Tales for Beginners*; Alarcon, *El Capitan Veneno*. Both semesters. *Four hours.*

1. MODERN PROSE AND POETRY.

Review of grammar; composition, oral and written; sight reading; conversation; business correspondence. Reading of selected texts in prose and verse. *Three hours.*

Prerequisite: Course A-B or equivalent.

2. CLASSICAL SPANISH.

A study of the principal authors of the classical period. Representative texts will be chosen from the works of Lope de Vega, Calderon, Alarcon. Open to students who have completed Course 1 or equivalent. *Three hours.*

College Organizations

SOCIETIES FOR RELIGIOUS CULTURE

1. THE SODALITIES OF THE IMMACULATE CONCEPTION.

The Sodality is an organization of Catholic students who propose to aim at a more than ordinary degree of earnest and practical Christian virtue. To attain this end the principal means employed is devotion to the Blessed Virgin Mary, Mother of God, by the study and imitation of her virtues, and by practices of piety in her honor; because the Mother of Christ, who was so intimately associated with Him during His earthly life, in the work of redemption, is still close to Him in Heaven and intensely active and powerful for our sanctification.

The purpose of the Sodality, however, is not limited to fostering the personal piety of the members. It aims, furthermore, at instructing them in methods of Christian zeal and charity, and stimulating them to the performance of social works. The result is to make them at once devout Christians and men of action such as the social needs of the present day demand.

At the weekly meeting the Little Office of the Blessed Virgin is recited, and an appropriate instruction or exhortation is given by the Director, a member of the Faculty.

2. THE APOSTLESHIP OF PRAYER—LEAGUE OF THE SACRED HEART.

To encourage devotion to the Sacred Heart and to enable the students to acquire, while at College, the zeal for the interests of Our Lord, which is so general among the laity of the Catholic Church, the Apostleship of Prayer was established in 1879, and since then few of the students of the College have failed to have their names enrolled as active members.

3. THE ST. JOHN BERCHMANS SANCTUARY SOCIETY.

The object of this society is to contribute to the beauty and the solemnity of Divine worship by an accurate observance of the liturgic rites and ceremonies, and to afford Sodalists of exemplary deportment

the privilege of serving at the altar. The Sanctuary Society was organized in 1884, and has always counted from thirty to forty members.

SOCIETIES FOR ORATORICAL CULTURE

1. THE CREIGHTON ORATORICAL ASSOCIATION.

As its name implies, the society trains its members to readiness and fluency in speaking before an audience. To this end likewise tends the attention paid to historical study and to composition. Meetings are held on Wednesday evenings and debates alternate with orations, recitations and literary essays. The Association was organized in 1884; in 1899 it was admitted to the Nebraska Collegiate Oratorical Association and during the month of January each year a contest takes place to determine the representative in the State contest.

2. THE CREIGHTON DRAMATIC CLUB.

To further the study of dramatic literature, to improve in elocution, interpretation, impersonation and public speaking, and to insure versatility, polish, and self-reliance, the Dramatic Circle was organized in 1899.

3. THE JEANNE D'ARC CLUB.

This Club, in the third year of its organization, has for its purpose to make known the lives of God's heroes and heroines—the Saints. To accomplish this purpose lectures illustrated by stereopticon views are delivered by the student members of the Club. The Club is directed by a member of the Faculty and has delivered more than forty lectures during the past school year.

SOCIETIES FOR MUSICAL CULTURE

1. THE CREIGHTON UNIVERSITY ORCHESTRA AND BAND.

The C. U. Orchestra and Band was organized in 1906. These organizations, besides offering the members training in instrumental music, enable them to minister to the enjoyment of their fellow students and of their friends at public entertainments.

The orchestra is under the direction of a capable leader. The organization possesses a large musical library.

The members appear in formal and informal concerts during the year.

2. THE GLEE CLUB.

There are two Glee Clubs, the College Glee Club, open to the less advanced in musical ability, and the University Glee Club. The object of both organizations is to further a taste for vocal music. Especial care is given to the instruction of the University Glee Club. The organization is under the charge of a member of the faculty and of a competent Director.

The University Glee Club appears in an annual formal concert, besides enjoying the opportunity of a number of informal public appearances.

The College Glee Club dates from 1885; The University Glee Club from 1911.

OTHER SOCIETIES

THE CREIGHTON UNIVERSITY ALUMNI ASSOCIATION.

The Alumni Association of the College of Arts was organized October 26, 1903, but on December 21, 1913, was merged into The Creighton University Alumni Association, which is recruited from the ranks of the Alumni of the Colleges of Law, Medicine, Dentistry, Pharmacy and Arts and Sciences. The purpose of The Creighton University Alumni Association, or the Pan-Alumni, as it is usually called, is to foster the bond of union between the graduates of the various colleges and to provide a convenient means for participation in University tasks. Graduates of the College of Arts are admissible as are also students who attended the Arts College for at least two years, provided their class has graduated.

THE CREIGHTON UNIVERSITY ATHLETIC ASSOCIATION.

The society was organized for the double purpose of fostering a college spirit and encouraging healthful bodily exercise among the students. The latter aim is not considered as an end sufficiently worthy in itself, but rather as an aid to earnest application to more serious pursuits.

The University encourages athletic sports in so far as they tend to promote the physical and moral development of the student. Kept within the proper limits they are a source of recreation and healthful

exercise and help toward implanting in the character habits of gentlemanly self-repression, which cannot be disregarded in any system of education. The University officers, however, are keenly alive to the fact that athletic sports will not be productive of good, when they become a separate and recognized department of the University, with a corps of managers, coaches and trainers, having the sole object of winning in inter-collegiate contests at any cost, by clean methods or foul. Athletics so conducted are apt to stamp out the manly spirit of generous rivalry which ought to characterize such contests, and be a constant incentive to coarse behavior and brutal tactics. To keep an influence so deteriorating from exerting an effect upon student, athletics are under the immediate control of the Faculty, which uniformly adheres to well-defined regulations in their management. A creditable standing in class is a requisite of eligibility to any of the University teams. Long schedules and trips which necessitate absence from class, are discouraged.

A spacious athletic field affords the students ample opportunity to enjoy the pleasure of a home ground. It meets all the requirements of College athletics. Besides the gridiron and the ball-field, there are tennis courts and hand-ball alleys. The athletic field has recently been enlarged. A quarter mile running track encircles the field. Its situation is most convenient, as it lies within easy reach of all the Departments, and the Harney and Cuming street cars pass within a block of the main entrance.

The spacious new Gymnasium gives ample room for all the popular indoor sports, such as swimming, handball, bowling, basketball, etc.

CONFERRING OF DEGREES—JUNE 1, 1918

The Degree of Bachelor of Arts was conferred on:

Francis Emmett Randolph James Patrick Russell

The Degree of Bachelor of Philosophy was conferred on:

James William McGan. John Daniel Leadon

IN THE NEBRASKA STATE ORATORICAL CONTEST

FIRST PLACE WAS WON BY
JAMES W. McGAN, '18.

IN THE CREIGHTON ORATORICAL PUBLIC DEBATE

FIRST PLACE WAS WON BY
T. JOSEPH McGOVERN, '21.

SECOND PLACE WAS WON BY
JAMES W. McGAN, '18.

AWARD OF MEDALS

| | |
|--|--|
| Junior Class Honors | Wayne P. Keitges |
| Sophomore Class Honors, A. B. Course..... | Lyle W. Doran |
| Sophomore Class Honors, B. S. Course..... | { Francis M. Duffy Paul E. Kubitschek |
| Freshman Class Honors, A. B. Course..... | Ralph E. Svoboda |
| Freshman Class Honors, B. S. Course..... | Harold V. Dwyer |
| Freshman Class Honors, Pre-Legal Course..... | George M. Rogers |
| Catechetical Essay Medal..... | Patrick A. Darcy |
| Oratorical Medal | James W. McGan |
| College Elocution | Paul V. Duffy. |

**AWARD OF COMMISSIONS IN COLLEGE CADET
BATTALION**

| | |
|--------------------------|--------------------------------|
| Lyle W. Doran | Cadet Major |
| Harry V. Burkley | Cadet Captain |
| Harry H. Robinson | Cadet Captain |
| Frank J. Mnuk..... | Cadet Captain |
| Ralph H. Kastner..... | Cadet Captain |
| Ralph E. Svoboda..... | Cadet Captain |
| Harold V. Dwyer..... | Cadet Captain |
| Paul V. Duffy..... | Cadet Captain |
| Charles V. Kearney..... | Cadet Captain in Band |
| William J. Adams..... | Cadet First Lieutenant |
| Leo D. Rater..... | Cadet First Lieutenant |
| Bretislav Sedlacek | Cadet First Lieutenant |
| James P. Lovely | Cadet First Lieutenant |
| Wilfrid Ash | Cadet First Lieutenant |
| Matthew Severin | Cadet First Lieutenant in Band |
| Elias G. Camel..... | Cadet First Lieutenant |
| Harry A. Collins..... | Cadet Second Lieutenant |
| Kenneth L. Roper..... | Cadet Second Lieutenant |

Acknowledgments

The President and Faculty wish to express their grateful appreciation of the kindly spirit manifested by those who are active in forwarding the interests of the University. They wish also to acknowledge with thanks, the following donations:

Twenty-five Endowment Policies of \$1,000.00 each from the Senior Class of 1918 of The Creighton University.

Mrs. Ella Mulvihill, the matron of St. John's Hall, has generously given \$1,000.00 to the University as a foundation for two annual cash prizes in the High School Department. The prizes have been donated in memory of Mr. Steve Mulvihill, her son, who was a student in the High School Department from 1911 to 1913, and in the Dental Department of the University from 1913 to 1916.

DONORS OF MEDALS

Right Reverend P. A. McGovern, D. D., Bishop of Cheyenne.
Knights of Columbus, Omaha Council No. 652.

Ancient Order of Hibernians.

Reverend B. Sinne

Reverend J. Aherne.

Reverend P. J. Judge.

Reverend J. W. Stenson.

Reverend P. C. Gannon.

Reverend J. F. McCarthy.

Very Reverend J. Jennette.

Reverend D. P. Harrington.

Mr. Frank J. Burkley.

Mr. William J. Coad.

Mr. William P. Flynn.

Mrs. C. W. Hamilton.

Mr. Thomas J. McShane.

Mr. J. T. Smith.

GIFTS TO THE LIBRARY

Johns Hopkins University: Catalogues and Circulars.

University of Kansas: Catalogues and Circulars.

M. J. de Dampierre: German Imperialism and International Law.

Mr. Henry F. Osborne: Bibliography of Published Writings.

Mr. William F. Butler: Blessed Art Thou Among Women.

Mr. Daniel Butler: Reports of Omaha Financial Bureau.

Sr. M. Agnes McCann: History of Mother Seton's Daughters, Vols. I and II.

A Friend: The Praise of Glory.

Mrs. Millie Ryan: What Every Singer Should Know.

Iowa Geological Society: Annual Reports, Iowa Geological Survey, twelve volumes.

Mr. Charles Keyes: Annotated Bibliography of Iowa Geology and Mining.

Yale University: Bateson's Problems of Genetics.

A Friend: Longstreet's From Manasses to Appomattox.

Miss G. P. Curtis: The Interdependence of Literature.

E. H. Barbour, Esq.: Publications of Nebraska Geological Survey.

F. W. Hodge: Proceedings of 19th International Congress of Americanists.

Rev. J. Wynne, S. J.: The Commonwealth of Pennsylvania.

Annie E. Cheney: Dreams of Hellas and Other Poems.

C. M. Thompson: Political, Industrial and Social History of the United States.

Nebraska Labor Bureau: Reports.

Nebraska Bureau of Public Instruction: Reports.

General Education Board: Reports and Pamphlets.

American Association for International Conciliation: Many Pamphlets.

Carneige Endowment for International Peace: Pamphlets.

The Government of the United States: Official and Scientific Publications from various departments. The Official Bulletin.

Regents of Smithsonian Institute: Annual Reports. Contributions to Knowledge. Miscellaneous Collections, etc.

Library of Congress: Report and other Publications.

U. S. Commissioner of Education: Report. Pamphlets.

U. S. National Museum: Proceedings. Bulletins.

Hon. Gilbert Hitchcock, U. S. S.: Congressional Documents, etc.

Hon. C. O. Lobeck, M. C.: Congressional Directory. Congressional Record.

Japan Society of America: Bulletins.

Association of American Colleges: Bulletins.

Harvard University: Contributions from Jefferson Physical Laboratory. Catalogues and Bulletins.

U. S. Naval Observatory: Publications.

U. S. Military Academy: Register and Annual Report.

Washington University: Record. Bulletins.

Prof. W. Macneile Dixon and others: War Literature.

Sincere thanks are returned for favors received from many other Institutions, State and Municipal Departments, Universities, Colleges, Societies, Authors and Publishers.

PHYSICS DEPARTMENT

The classes of College Physics donated their breakage deposits for the purchase of a combination cathetometer and range finder.

College Register

| | | |
|---------------------------|-----------|-----------------------|
| Abboud, Philip F..... | Freshman | Omaha |
| Adams, William E..... | Sophomore | Omaha |
| Ash, Wilfrid | Sophomore | Atlantic, Iowa |
| Barrett, Gerald M. | Freshman | Omaha |
| Barry, M. William | Freshman | Omaha |
| Bartek, Julius G..... | Freshman | Weston |
| Beechwood, Emory E..... | Freshman | Coffeyville, Kansas |
| *Beitenman, Milton E..... | Freshman | De Witt, Iowa |
| Bell, Percy | Sophomore | Omaha |
| Bigelow, Maurice C..... | Freshman | Stuart |
| Black, Harry N..... | Freshman | Albert Lea, Minnesota |
| Bolan, J. Harold | Freshman | Eagle Grove, Iowa |
| Boland, George B. | Sophomore | Omaha |
| *Bones, Oscar H. | Freshman | Fenwood, Wisconsin |
| Brennan, Raymond J..... | Sophomore | Esbon, Kansas |
| Brown, Brendan F..... | Freshman | Omaha |
| Burbridge, Arthur L. | Freshman | Logan, Iowa |
| Burkley, Harry V..... | Freshman | Omaha |
| Burns, Bernard C..... | Freshman | Manhattan, Kansas |
| Camel, Elias G..... | Sophomore | Omaha |
| Campbell, Francis W..... | Freshman | Atlantic, Iowa |
| *Campbell, George B..... | Sophomore | Omaha |
| *Carroll, Charles J..... | Sophomore | Creighton |
| *Casey, Francis I. | Sophomore | Massena, Iowa |
| Chaloupka, John | Sophomore | Omaha |
| Charvat, Charles C. | Freshman | Omaha |
| *Chicoine, Cyril | Sophomore | Sioux City, Iowa |
| Chin, C. | Freshman | Honolulu, Hawaii |
| Ching, Charles M..... | Freshman | Honolulu, Hawaii |
| Chun, Herman | Freshman | Honolulu, Hawaii |
| Collins, Harry A..... | Sophomore | Omaha |
| Collins, Richard K..... | Sophomore | Marshalltown, Iowa |
| Collopy, Thomas B..... | Freshman | Omaha |
| Condon, Daniel I..... | Freshman | Adair, Iowa |
| Connell, James R..... | Freshman | Omaha |
| Connor, Walter J..... | Freshman | Gretna |
| Cook, Jay M..... | Sophomore | Letcher, South Dakota |
| Danielson, Albert | Freshman | Council Bluffs, Iowa |
| Darcy, Patrick A..... | Freshman | Claire, Iowa |
| Dolan, Marion F..... | Freshman | Nevada, Iowa |
| Doran, Lyle W..... | Sophomore | Omaha |
| Drumm, John M..... | Freshman | Winslow, Arizona |
| Duffy, Francis M. | Sophomore | Williamsburg, Iowa |

*In Military Service.

ANNOUNCEMENT OF THE COLLEGE OF ARTS AND SCIENCES 73

| | | |
|-----------------------------|-----------------|----------------------------|
| Duffy, Paul V. | Sophomore | Omaha |
| Dugher, James B. | Sophomore | Omaha |
| Dwyer, Harold V. | Freshman | Omaha |
| Easley, Donald J. | Freshman | Dunbar |
| Evert, Harold R. | Freshman | Niobrara |
| Ewing, Benjamin F. | Freshman | Concordia, Kansas |
| Fee, Fred Winfred | Special | Marne, Iowa |
| Feller, Joseph A. | Sophomore | Omaha |
| Fitzsimmons, Joseph I. | Freshman | Clinton, Iowa |
| Flannigan, Frank N. | Freshman | Minneapolis, Minnesota |
| Fogarty, Edward F. | Junior | Omaha |
| Foley, Thomas J. | Freshman | Omaha |
| *Fritzler, Glenn H. | Freshman | Omaha |
| Gardiner, John F. | Sophomore | Omaha |
| Gartland, William J. | Freshman | Manchester, South Dakota |
| Gilbo, William R. | Freshman | Akron, Ohio |
| Grace, Joseph M. | Freshman | Colorado Springs, Colorado |
| Green, John H. | Freshman | Netawaka, Kansas |
| Haley, J. Edward. | Sophomore | Dixon, Illinois |
| Hannon, Edward F. | Sophomore | Shelton |
| Hartnett, William D. | Freshman | Jackson |
| Hector, Emmett | Senior | Omaha |
| Homan, Joseph E. | Sophomore | Sioux Falls, South Dakota |
| Hombach, Leo | Sophomore | Council Bluffs, Iowa |
| Hughes, Enos J. | Freshman | Gretna |
| Humphrey, Julius A. | Freshman | Moberly, Missouri |
| Jones, Edward A. | Freshman | Dixon, Illinois |
| Kastner, Ralph H. | Sophomore | Council Bluffs, Iowa |
| Keane, John L. | Sophomore | Cascade, Iowa |
| Kearney, Charles V. | Sophomore | Elkton, South Dakota |
| Kearney, Clarence J. | Freshman | Fort Dodge, Iowa |
| Kehoe, Horace D. | Freshman | Silver City, Iowa |
| Keitges, Wayne P. | Junior | Danbury, Iowa |
| Kelley, Harold M. | Sophomore | Blair |
| Kelly, Dennis J. | Freshman | Moline, Illinois |
| *Kennebeck, John E. | Freshman | Omaha |
| Kennebeck, Paul A. | Sophomore | Omaha |
| Kenney, Bernard V. | Sophomore | Pocatello, Idaho |
| Koehler, Charles A. | Freshman | Kansas City, Missouri |
| Kolda, Felix O. | Sophomore | Lesterville, South Dakota |
| Kranz, Edward H. | Junior | Omaha |
| *Krause, Edward J. | Freshman | North Bend |
| Krupski, Leon J. | Freshman | Omaha |
| Kubitschek, Paul E. | Sophomore | Eagle Grove, Iowa |
| *Kruth, Edwin G. | Freshman | Albion |

*In Military Service.

| | | |
|-------------------------------------|-----------------|--------------------------|
| Lafferty, Charles E. | Special | Mount Aye, Iowa |
| LaStein, Leon | Freshman | Bellefont, Kansas |
| Lathrop, Mason E..... | Sophomore | Omaha |
| Leadon, John D..... | Senior | Morristown, South Dakota |
| *Leary, Daniel L..... | Junior | Gratlot, Wisconsin |
| Lee, Robert K. H. | Freshman | Honolulu, Hawaii |
| *Little, John T..... | Junior | Cushing, Oklahoma |
| Loechner, Lawrence L. | Freshman | Omaha |
| *Loftus, Claude V..... | Freshman | Fort Dodge, Iowa |
| Lounsbury, Irvin H. | Freshman | Aurora |
| Lovely, James P..... | Sophomore | Omaha |
| | | |
| McCartan, Edward L. | Sophomore | Cripple Creek, Colorado |
| *McCarthy, M. Alphonsus.... | Freshman | Greeley |
| McConville, Benedict M..... | Sophomore | Mystic, Iowa |
| McDonald, Francis X..... | Freshman | Wichita, Kansas |
| *McGan, James W. | Senior | Albion |
| McGovern, Joseph T..... | Freshman | Omaha |
| McLaughlin, Hugh J..... | Freshman | Caldwell, Idaho |
| McMahon, M. Joseph..... | Freshman..... | Prior Lake, Minnesota |
| Mahoney, Eugene C. | Freshman | Howard, South Dakota |
| Malee, Jack J. | Freshman | Silver Bow, Montana |
| Manley, Marcus L..... | Freshman | Butte, Montana |
| *Mason, William F..... | Junior | Sanborn, Iowa |
| Maxwell, Charles F..... | Freshman | Bayard, Iowa |
| Mayer, Arthur J. | Freshman | Mankota, Minnesota |
| Mlaska, Louis J..... | Sophomore | Omaha |
| Mnuk, Frank J..... | Freshman | Omaha |
| *Morearty, Charles B. | Freshman .. | Omaha |
| Morrison, Vincent | Senior | |
| Savage Harbor, Prince Edward Island | | |
| Mullen, Clifford J. | Sophomore | Omaha |
| Murphy, Charles M. | Freshman | Omaha |
| Murphy, Harold R..... | Special .. | Reynolds, North Dakota |
| Murphy, Harry P. | Freshman .. | Greeley Center |
| | | |
| Nalty, Cyril W. | Freshman .. | Omaha |
| Neary, Ralph L. | Sophomore .. | Lead, South Dakota |
| *Nollette, Eli F. | Senior .. | Omaha |
| *Nollette, John J..... | Junior .. | Omaha |
| | | |
| O'Neil, Edward E. | Junior .. | Omaha |
| | | |
| Pfeffer, Harry E. | Freshman .. | Omaha |
| Priesshoff, Edward A..... | Junior .. | Crawford |
| | | |
| Randolph, Emmett F..... | Senior .. | Fullerton |
| Rater, Leo D. | Freshman .. | Ottumwa, Iowa |
| Raynor, Walter V..... | Sophomore .. | Conneaut, Ohio |
| *Reed, William E..... | Freshman .. | Waterloo, Iowa |
| *Reilly, Leonard J. | Sophomore .. | Boone, Iowa |
| Robinson, Harry H. | Freshman .. | Omaha |

*In Military Service.

ANNOUNCEMENT OF THE COLLEGE OF ARTS AND SCIENCES 75

| | | |
|-----------------------------|---------------------|---------------------------|
| *Roblek, Robert I. | Freshman | Pueblo, Colorado |
| Rogers, George M. | Freshman | Omaha |
| Roper, Kenneth L. | Sophomore | Osceola |
| Rourke, Garrett A. | Freshman | Grand Island |
| Russell, James R. | Senior | Omaha |
| Ryan, Edwin F. | Freshman | Omaha |
| | | |
| Schmitz, William H. | Sophomore | Westphalia, Iowa |
| Sedlacek, Bretislav | Freshman | Omaha |
| Severin, Matthew J. | Freshman | Bendena, Kansas |
| Shearer, William L. | Freshman | Omaha |
| *Shillington, Waldo E. | Senior | Omaha |
| Shovlain, Francis E. | Freshman | Tacoma, Washington |
| Smith, Earl | Freshman | Omaha |
| Smith, Leo J. | Freshman | Pine Bluff, Wyoming |
| Sommerhauser, Charles M. . | Freshman | Wichita, Kansas |
| Spinharney, Lester J. | Freshman | Cherokee, Iowa |
| Spittler, Victor E. | Special | Ewing |
| Stanton, Matthew B. | Freshman | Carroll |
| Stern, Benjamin | Freshman | Omaha |
| *Stevens, Paul T. | Sophomore | Acme, Iowa |
| SVoboda, Ralph E. | Freshman | Omaha |
| | | |
| Toner, Hugh F. | Freshman | Omaha |
| | | |
| Walter, Ben. R. | Sophomore | Broken Bow |
| *Weber, Frank N. | Sophomore | Kendallville, Indiana |
| Welbes, Michael A. | Freshman | Bridgewater, South Dakota |
| *Wilson, Ralph T. | Sophomore | Omaha |

*In Military Service.

UNIVERSITY ENROLLMENT 1917-1918

| | |
|-------------------------------|------|
| College of Liberal Arts | 159 |
| College of Medicine | 84 |
| College of Law..... | 99 |
| College of Dentistry..... | 115 |
| College of Pharmacy..... | 50 |
| High School | 320 |
| Summer Session 1917..... | 225 |
| <hr/> | |
| Total | 1052 |

DIRECTORY

President—Rev. Francis X. McMenamy, S. J., Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College, Twenty-fifth and California Streets, Omaha, Neb.

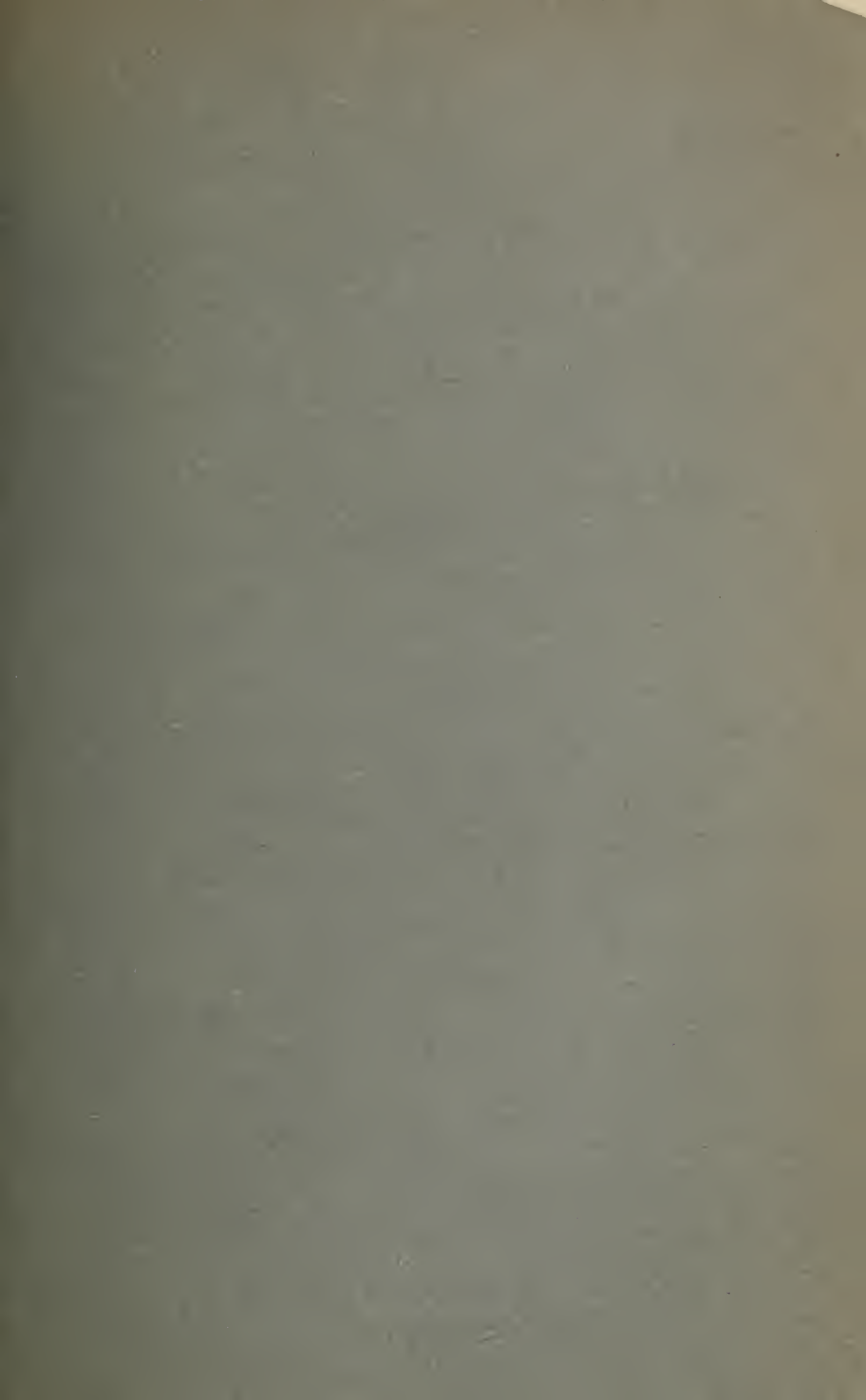
The Dean—Creighton College of Medicine, Fourteenth and Davenport Streets, Omaha, Neb.

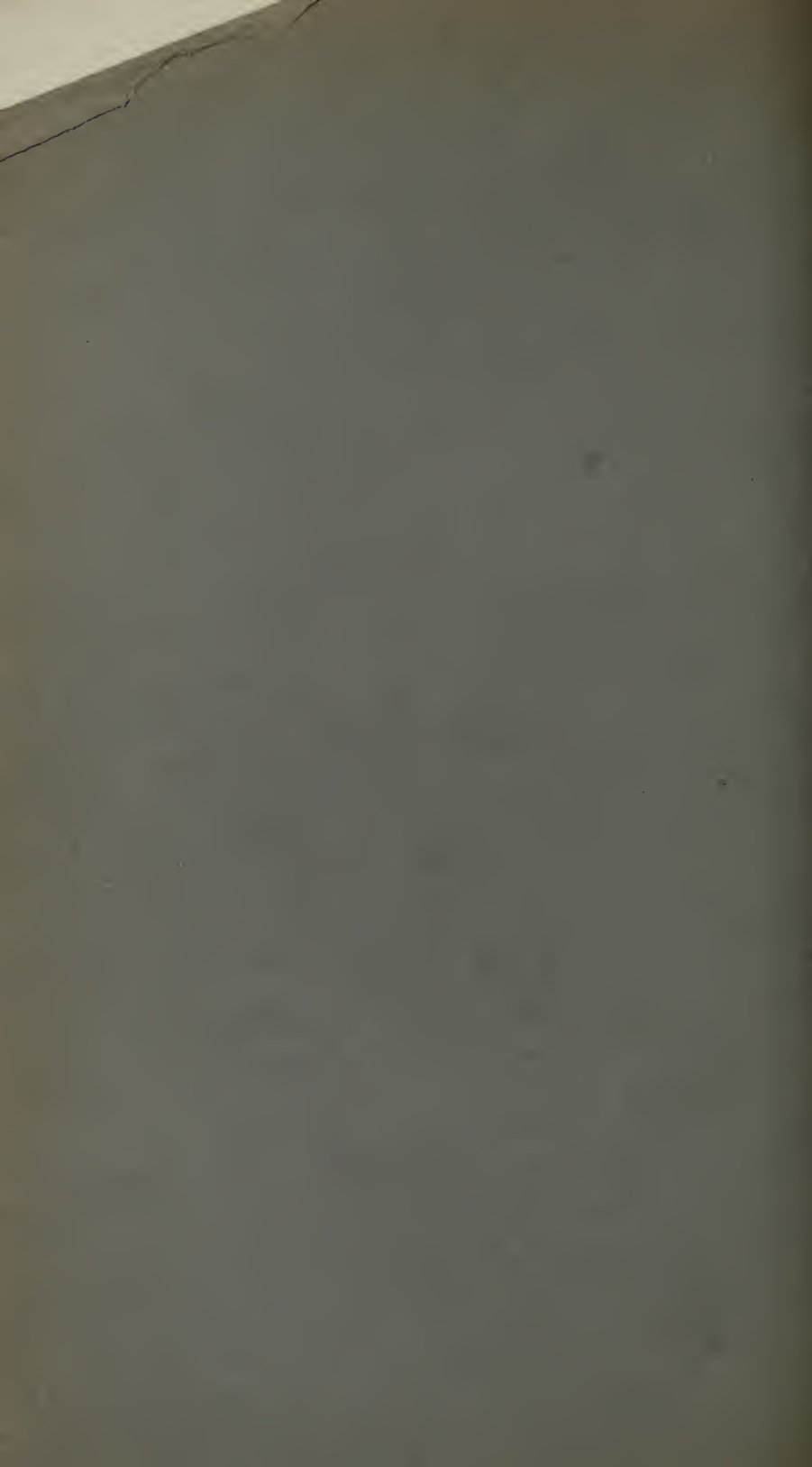
The Dean—Creighton College of Law, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Dentistry, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Pharmacy, 1410 Davenport Street, Omaha, Neb.

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1919/20

THE CREIGHTON UNIVERSITY BULLETIN

VOLUME ELEVEN
NUMBER SEVEN

JUNE FIRST
1 9 1 9

**COLLEGE OF LIBERAL ARTS
AND SCIENCES**

ANNOUNCEMENT

1919-1920



UNIVERSITY OF ILLINOIS

CATALOG

1918-1919

The
Creighton University Press
OMAHA
1919

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UNIVERSITY OF ILLINOIS

APR 13 1920

Administrative Library

CALENDAR

1919

| | | |
|-----------|----|--|
| September | 12 | Friday, Registration. |
| September | 13 | Saturday, Registration, Classification. |
| September | 15 | Monday, Session begins, 9:00 A. M. |
| September | 16 | Tuesday, Solemn Mass of The Holy Ghost, 9.00 A. M. |
| September | 19 | Friday, The Creighton Oratorical Society meets. |
| September | 22 | Monday, Senior Sodality meets. |
| September | 27 | Saturday, Conditioned examinations. |
| November | 27 | Thursday, Thanksgiving Day. |
| December | 8 | Monday, Feast of the Immaculate Conception. |
| December | 10 | Wednesday, Preliminary Oratorical Contest. |
| December | 16 | Tuesday, Subject for Catechetical Essay announced. |
| December | 19 | Friday, Christmas Recess, begins, 3.00 P. M. |
| January | 5 | Monday, Classes resumed, 9.00 A. M. |
| January | 16 | Friday, Annual Oratorical Contest. |
| January | 22 | Thursday, Mid-Year Examinations. |
| January | 30 | Friday, Assembly. |
| January | 31 | Saturday, Registration. |
| February | 2 | Monday, Second Semester begins. |
| February | 7 | Saturday, Founders' Day. |
| February | 22 | Sunday, Washington's Birthday. |
| February | 28 | Saturday, Conditioned Examinations. |
| March | 24 | Wednesday, English Intercollegiate Contest. |
| March | 29 | Monday, Annual retreat begins. |
| April | 1 | Thursday, Easter recess begins. |
| April | 6 | Tuesday, Classes resumed, 9:00 A. M. |
| April | 14 | Wednesday, Latin Inter-collegiate contest. |
| April | 30 | Friday, Theses for Academic Degrees submitted. |
| May | 6 | Thursday, President's Day. |
| May | 7 | Friday, Creighton Oratorical Public Debate. |
| May | 14 | Friday, Elocution Contest. |
| May | 28 | Friday, Flag Day. |
| May | 30 | Sunday, Memorial Day. |
| June | 7 | Monday, Second Semester Examinations begin. |
| June | 16 | Wednesday, Assembly—Commencement. |
| September | 11 | Saturday, Registration. |
| September | 13 | Monday, Registration, Classification. |
| September | 14 | Tuesday, Session begins, 9:00 A. M. |

THE COLLEGE OF LIBERAL ARTS AND SCIENCES

Creighton College, the division of Liberal Arts and Sciences of Creighton University, is under the management of the following board of trustees:

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REV. FRANCIS X. REILLY, S. J., Professor of English, Director of the Creighton Oratorical Society.
REV. WILLIAM F. RIGGE, S. J., Professor of Physics and Astronomy. Director of Observatory.
MICHAEL A. SCHAEFER, S. J., Professor of Biology.
PAUL J. SWEENEY, S. J., Assistant Professor of English.
REV. JOSEPH A. WEIS, S. J., Professor of Latin.
-

- MAJOR TOLBERT F. HARDIN, Inf., U. S. A., Professor of Military Science and Tactics.
LIEUTENANT DENVER B. BRANN, Inf., U. S. A., Associate Professor Military Science and Tactics.
SERGEANT HOWARD L. BORN, Assistant Instructor Military Science and Tactics.
SERGEANT ARTHUR W. BRODERSEN, Assistant Instructor Military Science and Tactics.
SERGEANT ERNEST E. GARDINER, Assistant Instructor Military Science and Tactics.

*In Military Service.

GENERAL INFORMATION

HISTORY

Creighton College owes its origin to a well defined and often expressed intention of Edward Creighton, to establish during his life a free school for higher education. He died, however, intestate, on November 5th, 1874, before making provision for the carrying out of his project. His wife, Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to put into execution the intention so earnestly cherished by her husband. She, too, was prevented by death, before she could take final and effective measures toward realizing her plans. Her death occurred on January 23, 1876. In her last will, dated September 23, 1875, she made a bequest, which, in the settlement of the estate amounted to about \$200,000.00. One-fourth of this was devoted to grounds and a building, and the balance reserved for endowment. In accordance with the terms of her will the executors conveyed both property and securities to the Right Reverend James O'Connor.

After the incorporation of The Creighton University, Bishop O'Connor resigned his trust to the Society of Jesus, members of which have conducted the College since its inception.

Later, the benefactions of Edward and Lucretia Creighton were greatly augmented by the generosity of Count John A. Creighton, brother of Edward, and his wife, Sarah Emily Creighton, sister of Lucretia Creighton. Count John A. Creighton took a very active interest in the progress of the College, and its development and secure financial condition are due to his splendid gifts during his life time and to a princely bequest in his will. A yearly Founders' Day is celebrated in grateful memory of these noble benefactors.

SCOPE

Creighton College, a free school of Liberal Arts and Sciences, constitutes one of the seven divisions of The Creighton University. It offers four years of undergraduate instruction leading to the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Literature or Bachelor of Philosophy. Candidates for degrees may also obtain a

First Grade City State Teachers' Certificate by completing a prescribed course in pedagogy and teaching, as outlined herein.

Creighton College is a member of the North Central Association of Colleges and Secondary Schools, and of the Association of American Colleges. The degrees of A. B., B. S. and Litt. B. are registered by the Board of Regents of the State of New York.

The College course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Science and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The College ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

SYSTEM OF EDUCATION

The educational system of Creighton is substantially that of all colleges of the Society of Jesus throughout the world. Those who desire to make either a scientific or historical study of that system have abundant sources of information in "Loyola" of the Great Educational Series, published by Scribner, and "Jesuit Education," published by Herder.

A decided advantage of the system followed in this College, is the fact that the student may begin his early studies in the High School, and then pass on through the College to graduation in the same institution. This secures, besides the moral influence thus gained, a uniform and homogeneous course of teaching and of training. The result of such a course of study is a continuous and normal development of the mental faculties along well-defined lines, and the possession of a clear and coherent system of principles upon which any special or professional course may afterwards safely rest.

As incomparably the most important element of the education it imparts, the College aims at a moral training of its students such as will make for the right fulfilment of their civil, social and religious duties. There is insistence on the cultivation of the Christian virtues which aid to this fulfilment; and as the only solid basis of virtue and morality, thorough instruction in the principles of religion forms an essential part of the system.

EQUIPMENT

The Main Building is a large structure of brick trimmed with limestone, having a frontage of 236 feet and a depth of 124 feet. It contains four stories and the facade is surmounted by a tower 110 feet high. The central portion of this building was the original Creighton College, built in 1877, and at present contains the parlors, a large reading room, the chemical and biological lecture rooms and laboratories, and several recitation rooms.

The South Wing was built in 1888 and extended in 1900. The library, faculty reading room, offices of President and Treasurer together with many private rooms are housed in this wing.

The North Wing was added in 1900 and contains the offices, the department of Physics, and many recitation rooms.

The General Library is located in the south wing of the main building and contains 25,000 volumes, besides Federal Government and State Publications.

The University Chapel, general known as St. John's Church, is situated a few yards west of the main building, facing California street. It was erected in 1887; is English Gothic in architecture, and built of Warrensburg sandstone.

The Auditorium is a separate building of red brick just west of the chapel. It has a seating capacity of seven hundred and the stage is generously equipped with scenery and other appurtenances required for dramatic productions.

St. John's Hall, located on the southwest corner of 25th and California Streets, contains rooms for about ninety students. The discipline of the Hall is under the supervision of College authorities and conditions favorable to serious study are maintained.

The Astronomical Observatory is equipped with a five-inch equatorial, a three-inch transit, a chronograph, sidereal and solar clocks, a portable transit, sextants, micrometers, spectroscopes, etc., and an extensive library. Although placed near the main building of the University, and in the middle of a large city, it commands an unusually extensive sky.

The Gymnasium has just been completed on the campus and offers splendid facilities for physical exercises and recreation. The building contains a spacious exercise room 170 by 90 feet, a running track, several hand-ball and squash courts, a swimming pool 75 by 30 feet, billiard rooms, bowling alleys, club rooms, locker and shower

rooms. The equipment throughout is the best and a competent director is in charge.

The Department of Physics occupies the entire front of the north wing on the third floor. There is every convenience for experimenting with sunlight and with arc and incandescent lamps, with direct and alternating currents, supplied by external circuits, with compressed and rarified air, gas, water and the like. Nearby are two laboratories generously equipped with instruments and conveniences for the students' work.

The cabinet of physical apparatus is exceptionally well stocked with instruments of all kinds. Besides the ordinary physical equipment there is a triple stereopticon with every attachment, prism and grating spectroscopes, binocular microscope with ten objectives, an elaborate outfit and a large classified list of prepared objects, an electric gyroscope, a motor generator, a very large induction coil, and a display of Geissler tubes.

The Department of Chemistry is located on the second floor of the main building and is equipped with lecture room and laboratory facilities to accommodate one hundred and twenty students. Facilities for further work in Chemistry than that outlined in this bulletin are provided in the laboratories connected with the Colleges of Medicine and Pharmacy.

REQUIREMENTS FOR ADMISSION

TESTIMONIALS AND CERTIFICATES

All applicants for admission to the College must present satisfactory testimonials of good moral character. A student entering from another college or institution of collegiate rank, must furnish from such institution a certificate of honorable dismissal before his credentials for scholarship will be examined by the Entrance Board.

ENTRANCE REQUIREMENTS

Candidates for admission to Freshman year must present entrance credits amounting to fifteen units. A unit represents a series of recitations or exercises in a given subject pursued continuously throughout the school year. The number of class exercises required in a week for each unit shall, in general, be five. Double periods are required for laboratory courses.

Not less than a full unit will be accepted in the first year of any language. Half-units will be accepted, but only when presented in addition to integral units in the same subject. Any two of the biolog-

ical sciences (Physiology, Botany, Zoology) may be combined into a continuous year's course equal to one unit.

I. Prescribed Subjects.

FOR THE A. B. DEGREE

| | | | |
|-----------------------|----------|--------------------|----------|
| English | 3 units | History | 1 unit |
| Mathematics | 2½ units | Science | 1 unit |
| Latin | 3 units | Elective | 4½ units |

FOR THE B. S. DEGREE

| | | | |
|-----------------------------|----------|--------------------|----------|
| English | 3 units | History | 1 unit |
| Mathematics | 2½ units | Science | 1 unit |
| Foreign Languages | 2 units | Elective | 5½ units |

FOR THE LITT. B. AND PH. B. DEGREES

| | | | |
|-----------------------------|----------|--------------------|----------|
| English | 3 units | History | 1 unit |
| Mathematics | 2½ units | Science | 1 unit |
| Foreign Languages | 3 units | Elective | 4½ units |

II. Electives.

The elective units may be selected from any subjects counted toward graduation in an accredited or recognized high school, with the following restrictions:

- a. No subject may be presented for less than a half unit of credit.
- b. Not more than one unit will be accepted in any vocational subject counted toward graduation in an accredited or recognized high school.
- c. Vocal music and physical training will not be recognized for credit.

III. Conditions.

A condition of not more than one unit may be allowed to a candidate ranking above the lowest quarter of his high school class; but no condition is allowed in the prescribed English, Algebra or Geometry.

SCOPE OF ENTRANCE SUBJECTS

The following descriptive outline indicates the amount of preparation expected in each of the subjects named.

LATIN

a. Grammar and Composition. The examination in grammar and composition will require a thorough knowledge of the entire Latin grammar together with such facility in writing Latin prose as is required by one who satisfactorily completes the course of exercises

prescribed by The Creighton University High School. This course is based on Bennett's New Latin Composition.

b. Reading. Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's orations against Catiline and for Archias and the Manilian Law. Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations. Three units.

GREEK

a. Grammar and Composition. The examination in grammar will require a thorough knowledge of etymology, of the syntax of cases, the rules of concord and prepositions. Composition will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences with special reference to the use of the forms, particularly of the irregular verb, and the common rules of syntax.

b. Reading. Xenophon's Anabasis, two books, or their equivalent. Two units.

ENGLISH*

a. Rhetoric and Composition

The applicant should be familiar with the principles of Rhetoric as set forth in Brooks', Scott-Denney or an equivalent. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show discrimination in the choice of words and ability to construct well ordered paragraphs.

b. Literature

a. For Reading. Cooper, The Spy, The Last of the Mohicans; Stevenson, Treasure Island; Poe, Poems and Tales; Scott, The Talisman; Longfellow, Tales of a Wayside Inn; DeQuincey, Flight of a Tartar Tribe; Eliot, Silas Marner; Shakespeare, Julius Caesar; Pope, Essay on Criticism; Tennyson, Idylls of the King.

b. For Study. Dickens, Christmas Stories; Irving, Sketch Book; Hawthorne, Twice-Told Tales; Scott, Ivanhoe; Whittier, Snowbound, and other poems; Sir Roger de Coverly Papers; Washington Farewell Address; Webster, Bunker Hill Oration; Dickens, David Copperfield; Lowell, Vision of Sir Launfal, and other poems; Lamb, Essays of Elia; Macaulay, Essay on Johnson; Garraghan, Prose Types in Newman; Newman, Dream of Gerontius; Shakespeare, Merchant of Venice.

*The Uniform College Entrance Requirements in English for 1917 will be accepted, as will any fair equivalent work in this department.

A knowledge of the subject matter and form of each work with an explanation of the principal allusions will be required, together with the literary qualities, so far as they illustrate rhetorical principles, a biographical outline of the authors and an account of their works.

Three units.

FRENCH*

1. The first year's work should include careful drill in pronunciation and in the rudiments of grammar, abundant easy exercises designed to fix in mind the principles of grammar, the reading of 100 to 175 pages of graduated text, with constant practice in translating easy variations of the sentences read, and the writing of French from dictation. One unit.

2. The second year's work should comprise the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches, constant practice in translating into French easy variations upon the text read, frequent abstracts—sometimes oral and sometimes written—of portions of the text already read, writing French from dictation, and continued grammatical drill, with constant application in the construction of sentences. One unit.

3. Advanced courses in French should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form, constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read, the study of a grammar of moderate completeness, and the writing from dictation.

GERMAN†

1. The first year's work should comprise careful drill in pronunciation; memorizing of easy, colloquial sentences; drill upon the rudiments of grammar; easy exercises, designed not only to fix in the mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; the reading of from 55 to 100 pages of text; constant practice in translating into German easy variations upon sentences selected from the reading lessons and in reproducing from memory sentences previously read. One unit

2. The second year's work should comprise the reading of 150 to 200 pages of literature in the form of easy stories and plays, prac-

*The admission requirements in French are those recommended by the Modern Language Association of America.

†The Admission requirements in German are those recommended by the Modern Language Association of America.

tice in translating into German the substance of short and easy, selected passages, and continued drill upon the rudiments of grammar. One unit.

3. Advanced work should include, in addition to the two courses above, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, abstracts, paraphrases, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the more technical points of language. One unit.

HISTORY

The candidate will be expected to show on examination such general knowledge of each field as may be acquired by the study of an accurate text-book of not less than three hundred pages. The examination will call for comparison of historical characters, periods and events, and, in general, for the exercise of judgment as well as of memory.

1. **Ancient History.** Comprising Oriental and Greek History to the death of Alexander, and Roman History to 800 A. D., with due reference to Greek and Roman life, literature and art. One unit.

2. **Mediaeval and Modern History.** From the death of Charlemagne to the present time. One unit.

3. **English History.** With due reference to social and political development. One-half or one unit.

4. **American History.** With special stress upon the national period, and Civil Government. One unit.

MATHEMATICS

Elementary Algebra and Plane Geometry are required for admission to all courses; the other subjects are optional, unless otherwise indicated above.

1. **Elementary Algebra.** Algebra through Quadratics. The points to be emphasized are: rapidity and accuracy in performing the four fundamental operations, factoring and its use in finding the greatest common factor and the lowest common multiple, radicals, the solution of linear equations containing one or more unknowns, the solution of quadratic equations, and the statement and solution of problems.

2. **Plane Geometry.** The unusual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subject of loci. It is desirable that a short course in practical Geometry should precede the study of formal Geometry. One unit.

3. Solid Geometry. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subjects of loci.

One-half unit.

4. Intermediate Algebra. Theory of quadratic equations, remainder theorems, radicals with equations involving them, imaginary and complex numbers, ratio and proportion, variation, arithmetic and geometric progressions and graphs.

One-half unit.

5. Trigonometry. Plane Trigonometry as presented in the best modern text-books. Especial attention should be paid to accuracy, neatness, and the proper arrangement of the work.

One-half unit.

NATURAL SCIENCES

Physics. One year's daily work in Physics, of which one-third should be laboratory work. The student should possess a thorough knowledge of the elementary principles of mechanics, heat, light sound, electricity and magnetism, as presented in such text-books as Millikan and Gale or Carhart and Chute. Note-books on the work done in the laboratory, certified by the instructor, must be presented at the time of entrance.

One unit.

Chemistry. One year's daily work in Chemistry, of which one-third should be laboratory work. The student should possess a thorough knowledge of the general laws and theories of chemistry and should be familiar with the occurrence, preparation and properties of the common elements and their compounds as presented in such text-books as McPherson and Henderson, Storer and Lindsey or Remsen. Note-books on the work done in the laboratory, certified by the instructor, must be presented at the time of entrance.

One unit.

Zoology. One year's daily work in Zoology as presented in the text-books of Linville and Kelly, Jordan or Kellogg, with work in the laboratory and the field. A note-book on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance.

One unit.

Botany. One year's daily work in Botany as presented in Bergen, Atkinson or Coulter. A note-book, certified by the instructor, describing the work done in the laboratory and the field, must be presented at the time of entrance.

One unit.

General Biology. A combined course in Botany and Zoology, extending throughout the year, as presented in Hunter's Essentials of Biology or an equivalent text. A note-book on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance.

One unit.

Physical Geography. One year's daily work in Physical Geography as treated in the text-books of Tarr, Davis or Dryer, with training the laboratory and the field. Note-books on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. One unit.

METHODS OF ADMISSION

ADMISSION BY CERTIFICATE

Admission without examination on certificate is granted students from approved secondary schools as follows:

1. The Creighton University High School.
2. Secondary schools accredited by the North Central Association of Colleges and Secondary Schools.
3. High Schools of the first grade which are so rated by the State Superintendent of Public Instruction.
4. Private schools and academies, not on any list, but approved after investigation, by a vote of the Committee on Admission.

Credentials which are accepted for admission become the property of the College and are kept permanently on file. All credentials should be filed with the Registrar. They should be mailed at least one month before beginning of the fall term, in order to secure prompt attention. Compliance with this request will save applicants much inconvenience.

Blank forms of entrance certificates, which are to be used in every case, may be had on application to the Registrar. Certificates must be made out and signed by the Principal or other recognized officer of the school and mailed by him directly to the Registrar. No certificate will be accepted unless the holder is a graduate and has spent the last year of his high school course in the school issuing the certificate. A detail, should accompany the certificate.

The certificate should fully cover the entrance requirements of the College. Admission on school certificates is in all cases provisional. If, after admission to the College, a student fails in any subject for which a school certificate was accepted, credit for that entrance subject may be cancelled.

ADMISSION BY EXAMINATION

Applicants who are not entitled to enter on certificate must take the entrance examinations in the entire number of units required for entrance. These examinations are held during the last week in June and the first week in September. The applicant may divide the examin-

ation into two parts, taking as many of the examinations as possible in June, and the remainder in September. An examination in which the applicant has failed in June may be taken again in September.

ADMISSION TO ADVANCED STANDING

Candidates for admission to Creighton College from other institutions of Collegiate rank, which offer the same or equal courses of study, will be granted the same standing as at the former institution upon presenting in advance of registration (1) a certificate of honorable dismissal; (2) an official transcript of college credits, with specification of courses and year when taken, hours and grades; (3) an official certified statement of entrance credits and conditions, showing the length of each course in weeks, the number of recitations and laboratory exercises each week, the length of recitation and the mark secured.

No student will be admitted to the College as a candidate for a degree after the beginning of the Senior year.

GRADUATION

Students who have pursued an entire course as prescribed and have successfully passed their examinations are recommended to the Trustees for the first academic degree in course. Such recommendations are ordinarily acted upon and the degrees are conferred at Commencement, at which time the students receive diplomas from the President of the University.

ADMINISTRATION

TERMS AND VACATIONS

The college year begins on the second Monday in September, and includes thirty-six weeks, which are divided into fall and spring terms, or semesters, of eighteen weeks each. There is a Christmas Recess of one week, and an Easter Recess of five days. The weekly holiday is Saturday. Classes are not held on legal holidays, nor on days observed as holydays of obligation in the Catholic Church. Commencement Day takes place during the third full week in June.

ATTENDANCE

Absence. Parents and guardians should observe that absence and tardiness, for whatever cause, seriously affect class-work and consequently the student's standing.

Any student who has missed more than ten class days during a

semester will not be allowed to take the semester examinations without the express consent of the Dean.

Any student who has been absent from a class for any cause whatsoever, or who has reported not prepared as many as three times within any month may be required to take a written test in all work missed. None of the regular class tests may be substituted for this test.

DISCIPLINE

The educational system employed by the College includes, as one of its most important features, the formation of character. For this reason, the discipline, while considerate, is unflinchingly firm, especially when the good of the student body and the reputation of the institution are concerned.

While it is the policy of the Faculty to trust as much as possible to the honor of the students themselves in carrying on the government of the College, nevertheless, for the maintaining of order and discipline, without which the desired results are not attainable, regular and punctual attendance, obedience to College regulations, serious application to study and blameless conduct will be insisted upon. Any serious neglect of these essential points will render the offender liable to suspension or even to dismissal.

MILITARY TRAINING

Military training was established in the Creighton University High School and in the College of Liberal Arts, in September, 1917. In September, 1918, a unit of the Students' Army Training Corps was established at the University. In conformity with instructions received from the War Department of the United States Government, the regular schedule was modified to prepare students to become officers in one of the branches of the military service of the United States. Four hundred and ten University students were inducted into the S. A. T. C. and were in training until the unit was demobilized, December, 8-11, 1918. In January, the University was authorized by the President of the United States to establish a Senior Division of Reserve Officers' Training Corps (R. O. T. C.) Accordingly, military training was made obligatory for Freshman and Sophomore students and elective for Junior and Senior students in the College of Liberal Arts. Three hours—one hour to theoretical instruction and two hours to practical instruction,—were given to military training. Two commissioned officers and three non-commissioned officers of the regular army were assigned for duty to the military department of the University. Full military equipment is furnished free of charge to the members of the R. O. T. C. Commutation of subsistence, amounting to about 40 cents a day, is allowed by the government to those who are pursuing the advanced course of military training.

EXAMINATIONS

Examinations in all subjects are held at the close of each semester. Partial examinations and written recitations are held from time to time, during the year with or without previous notice to the students, at the discretion of the instructor.

A condition due to failure in a semester examination may be removed by a supplementary examination. The supplementary examinations are held during the first month of the succeeding semester. They may be taken only on the days specified. For each subject a fee of one dollar is charged, payable in advance at the treasurer's office. Removal of conditions by examinations shall not entitle a student to a grade higher than 70 per cent. If he fails to pass the subjects in both the regular and supplementary examinations, he must repeat the entire subject in class.

Conditions may be incurred: (a) by a failure to satisfy the requirements of any course, which requirements include the recitations, tests and other assigned work, as well as the examination; (b) by exclusion from an examination because of excessive class-room absence; and (c) by absence, due to any cause, on a day appointed for examination.

Conditioned students absent from the regular supplementary examination must present an excuse satisfactory to the Dean or receive a zero for the examination.

CLASSIFICATION OF STUDENTS

All regular students (i. e., those who are candidates for degrees) are required to take five courses each semester. One hundred and twenty-eight semester hours are required for graduation. Until they have completed thirty-two semester hours (in addition to the full admission requirements), they are registered as Freshmen. From that time they rank as Sophomores until the completion of sixty-four semester hours; as Juniors until the completion of ninety-six semester hours. One who has met the full requirements for admission and completed ninety-six hours is considered a Senior. No student will be admitted to the Senior year as a candidate for a degree unless all previous conditions have been removed.

REPORTS

Reports containing a record of the class standing, the attendance and deportment are sent after each examination to parents or

guardians. Special reports are made at other times when it is deemed advisable, or upon special request. The reports are mailed not later than February 10th, and July 1st. The Dean should be notified if the reports are not received in due time.

GRADES OF SCHOLARSHIP

A student's grade of scholarship in each of his subjects is determined by the combined results of examinations and class work.

The highest grade obtainable in any subject is 100%. The passing grade is 70%. In a semester examination a grade between 50% and 70% is a condition; below 50% is failure. If one has failed in a subject, he must repeat the subject in course to obtain credit therein. If a condition is not removed within the prescribed time it becomes a failure.

The following markings are sometimes used: A, 90%-100%; B, 80%-90%; C, 71%-80%; D, 70%, (barely passing); E, conditioned; F, failed; I, work incomplete.

TRANSCRIPTS OF RECORDS

Students wishing transcripts of records in order to transfer from this College to another or for other purposes, should make early and seasonable application for the same. No such statements will be made out during the busy periods of examination and registration, September 1st to 15th, January 15th to February 1st and June 15th to July 1st.

COLLEGE HONORS

Diplomas are graded as rite, cum laude, magna cum laude, summa laude, according to scholarship.

Summa cum laude rank is fixed at ninety-five per cent, magna cum laude at ninety per cent, and cum laude at eighty-five per cent.

These honors are announced at Commencement in June, are inscribed on the diplomas of the recipients, and appear in the published list of graduates in the annual catalogue.

HONORS IN SCHOLARSHIP

The honors and prizes awarded at the end of the year are determined by the combined results of class-work and examinations mentioned above. Gold medals for Class Honors are awarded each year to those students who lead their respective years in scholarship, provided a grade of 90 or above is maintained for the year's work.

Those who maintain an average of A throughout the year merit the distinction of First Honors. An average of B (85-89) entitles a student to Second Honors. A student who fails to receive at least D (70) in any subject in a semester examination is thereby disqualified to receive any honors during that year.

PRIZES

Inter-Collegiate English Prize. A purse of \$100.00 (\$50.00 for the first prize; \$20.00 for the second; \$15.00 for the third; \$10.00 for the fourth, and \$5.00 for the fifth), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition among the students of the Jesuit Colleges of the Missouri Province, which are:

| | |
|--------------------------------|------------------------|
| St. Louis University | St. Louis, Mo. |
| St. Xavier College | Cincinnati, O. |
| Loyola University | Chicago, Ill. |
| St. Mary's College | St. Marys, Kas. |
| The Creighton University | Omaha, Neb. |
| University of Detroit | Detroit, Mich. |
| Marquette University | Milwaukee, Wis. |
| St. Ignatius College | Cleveland, O. |
| St. John's University | Toledo, O. |
| Campion College | Prairie du Chien, Wis. |
| Rockhurst College | Kansas City, Mo. |

Inter-College Latin Prize. For the best Latin essay from competitors of the same colleges, a gold medal is offered each year by Very Rev. Francis X. McMenamy, S. J., Provincial.

The Bishop McGovern Medal. A gold medal is offered by Right Reverend P. A. McGovern, D. D., for the best Catechetical essay.

The Knights of Columbus Medal. A gold medal is offered by the Knights of Columbus, Omaha Council No. 652, to the student of the Senior Class who has the highest average for the Senior year.

The Oratorical Medal. The Omaha Council of the Ancient Order of Hibernians offers a gold medal for the best original oration delivered in the annual contest in oratory.

The Mrs. John Schultz Prize. A cash prize of \$30.00, being the interest on a \$500.00 bond, is available each year for a purpose left to the choice of the faculty. In recent years this cash prize has been assigned to the Public Debate of the Creighton Oratorical Society.

The Elocution Medal. A gold medal is offered by Thomas J. McShane each year for the best recitation in the College elocution contest.

Class Honors. Gold medals are awarded each year to those students who lead their respective classes in scholarship.

RESIDENCE HALLS

St. John's Hall is a dormitory intended for the accommodation of out-of-town students. It provides students with board and lodging at reasonable rates. The discipline of St. John's Hall is under the direct control of the faculty and conditions are maintained conducive to earnestness of application to school work. All out-of-town students attending the High School or College of Liberal Arts are required to stay either at St. John's Hall, Bishop O'Connor Hall, or to reside with near relatives. While the school authorities, in case St. John's Hall is filled, will assist students from a distance to find suitable homes at reasonable rates for board and room, they will not consent to act as guardians, nor in any way hold themselves responsible for the conduct of these students, when not actually under College supervision.

EXPENSES OF RESIDENCE AND BOARD

A private room can be had in St. John's Hall for \$30.00, \$35.00 or \$40.00 per half year. The difference of price is based upon the location of the rooms. Payment should be made at the beginning of each term, i. e., in September and in February.

Board in St. John's Hall is \$125.00 per term, payable in advance. This price will be maintained unless the cost of living should increase notably. Residents in St. John's Hall who have finished the Freshman College year may board in the Hall or elsewhere as they prefer. All other residents will board in the Hall.

A deposit of \$5.00 is to be made at entrance as security against damage to the furnishings of the rooms. This deposit is returnable.

Comparative statement of the expenses of a student residing in the Dormitory for the academic year, September to June 20th.

| | Low | Average | Liberal |
|-----------------------------|----------|----------|----------|
| Tuition | \$000.00 | \$000.00 | \$000.00 |
| Books, Stationery, etc..... | 6.00 | 9.00 | 12.00 |
| Residence | 60.00 | 70.00 | 80.00 |
| Board | 250.00 | 250.00 | 250.00 |
| Laundry | 12.00 | 20.00 | 32.00 |
| Students' Fee | 15.00 | 15.00 | 15.00 |
| Total | \$343.00 | \$364.00 | \$389.00 |

FEES AND EXPENSES

Mid Year Examinations, final Examinations and Statements of Credit will not be given to students who are delinquent in the payment of any bills due to the College.

Tuition is entirely free during the eight years of High School and College courses to those who are following the regular curriculum. However, a charge of \$20.00 a year is made for tuition to those who are pursuing a pre-medical course.

A fee of \$15.00 is charged for student activities, educational and athletic. The payment of this fee entitles the student to membership in the gymnasium, to attend special lectures, athletic events, the Glee Club Concerts, Public Debates, Arts Play, to a year's subscription to the Creighton Chronicle and Creighton Courier. Every student is required to pay this fee. No refund is made after October 1st.

| | |
|---|---------|
| Students' Fee | \$15.00 |
| Physics, Laboratory Fee, 10 months | 10.00 |
| Breakage deposit, returnable | 3.00 |
| Chemistry, Laboratory Fee, 10 months | 15.00 |
| Breakage deposit, returnable..... | 5.00 |
| Biology, Laboratory Fee, 10 months | 15.00 |
| Tuition (Premedical Course), 10 months..... | 20.00 |
| Deposit, returnable, R. O. T. C. equipment..... | 10.00 |
| Graduation Fee | 10.00 |
| Conditioned Examinations, each | 1.00 |
| Conditioned Examinations, taken on any other than the day assigned in College Calendar | 2.00 |
| A second detailed transcript of school record..... | 1.00 |

Payments for conditioned examinations must always be made before the examinations. Students' Fee should be paid at entrance. Payment of Tuition and Science Fees should be made semi-annually in advance.

DEGREES

BACCALAUREATE DEGREES

The degrees conferred by the College upon successful completion of the respective courses are Bachelor of Arts, (A. B.), Bachelor of Science, (B. S.), Bachelor of Philosophy, (Ph. B.) and Bachelor of Literature, (Litt. B.)

The conditions for the Baccalaureate degrees, are the following:

(a) The completion of the four years' course leading to the degree for

which the student is a candidate; (b) a written thesis approved by the Dean of the College and presented at least four weeks before graduation; (c) all work to be accepted in fulfilment of any requirement for the degree must be completed with a grade above 70; (d) a fee of \$10.00, payable in advance.

BACHELOR OF ARTS

All candidates for the degree of Bachelor of Arts must before graduation complete one hundred and twenty-eight semester hours.*

The requirements include two years of English, two years of Latin, one year of Science, one year of History, one year of Mathematics and two years of Philosophy. In addition, the candidate, unless he can give evidence that he possesses a reading knowledge of French or German, must take a two years' course in one of these languages. Catholic students, moreover, will be required to take every year a course in Evidences of Christian Religion.

The rest of the studies are elective in this sense that the student who wishes to pursue technical or professional courses after or even before graduation will be given full opportunity to take those studies that will best prepare him for such courses and be allowed full liberty, under proper advice, to arrange his work according to the outline of studies given below. Under certain circumstances he may be allowed to drop one of the subjects there prescribed in favor of an elective, with the approval of the Committee on Electives. Any candidate, if found deficient in English, shall, besides his other required work, take such courses as will be prescribed for him by the department of English.

Each student is required to have completed before graduation one major and two minors. A Major consists of 24-32 semester hours in one Department, pursued either during six consecutive semesters, or during the Junior and Senior years. Courses designated as preliminary courses cannot be counted as part of this requirement.

A Minor consists of 12-16 semester hours in one Department other than that of the Major, pursued either during four consecutive semesters or during the Junior and Senior years. Courses designated as preliminary courses cannot be counted as part of this requirement.

In the choice of electives each student must be guided by his prospective future work. He must ascertain, moreover, that such courses are open to his class; that he has fulfilled the prerequisites, and that there will be no conflict in the schedule of recitations or laboratory periods.

*A semester hour is a class hour of at least 50 minutes in the clear each week for one semester. Each recitation period supposes two hours of preparation.

Elections for the second term must be filed by members of the three upper classes with the Dean on or before January 15th, and for the first term on or before May 20th.

SCHEDULE FOR THE A. B. DEGREE

FRESHMAN YEAR

| First Semester | | Second Semester | |
|--------------------------------|---------|--------------------------------|---------|
| Latin | 4 hours | Latin | 4 hours |
| English | 3 hours | English | 3 hours |
| Greek or Mathematics | 4 hours | Greek or Mathematics | 4 hours |
| Science | 4 hours | Science | 4 hours |

SOPHOMORE YEAR

| First Semester | | Second Semester | |
|----------------------------|---------|----------------------------|---------|
| Latin | 4 hours | Latin | 4 hours |
| Greek or History | 3 hours | Greek or History | 3 hours |
| English | 3 hours | English | 3 hours |
| Modern Language | 4 hours | Modern Language | 4 hours |

JUNIOR YEAR

| First Semester | | Second Semester | |
|---------------------------|---------|---------------------------|---------|
| Philosophy | 4 hours | Philosophy | 4 hours |
| Modern Language | 4 hours | Modern Language | 4 hours |

SENIOR YEAR

| First Semester | | Second Semester | |
|----------------------|---------|----------------------|---------|
| Philosophy | 4 hours | Philosophy | 4 hours |

Two courses are elective in the Junior year and three courses in the Senior year.

BACHELOR OF SCIENCE

The course leading to the degree of Bachelor of Science is open to those who, entering without Latin or Greek, or not wishing to continue these subjects, follow the outline of studies given below. They must complete one hundred and twenty-eight semester hours before graduation. Catholic students must take every year a course in Evidences of Religion of from one to two hours. The course is so arranged as to give, especially in the Freshman and Sophomore years, a broad training in the fundamental studies necessary for future success in scientific work, that is, in English, in Physics and Chemistry, in college Mathematics, in Logic and Philosophy and in Modern Languages.

Many electives are offered in Junior and Senior years. In choosing from them the student must be guided by his prospective future

work. He must ascertain, moreover, that such courses are open to his class; that he has fulfilled the prerequisites, and there will be no conflict in the schedule of recitations or laboratory periods. Elections for the second term must be filed by members of the three upper classes with the Dean on or before January 15th, and for the first term on or before May 20th. Each student is required to have completed before graduation one major and two minors.

SCHEDULE FOR B. S. DEGREE

FRESHMAN YEAR

| First Semester | | Second Semester | |
|---------------------------|---------|---------------------------|---------|
| English | 3 hours | English | 3 hours |
| Mathematics | 4 hours | Mathematics | 4 hours |
| Modern Language | 4 hours | Modern Language | 4 hours |
| Science | 4 hours | Science | 4 hours |

SOPHOMORE YEAR

| First Semester | | Second Semester | |
|---------------------------|---------|---------------------------|---------|
| Modern Language | 4 hours | Modern Language | 4 hours |
| Science | 4 hours | Science | 4 hours |
| History | 3 hours | History | 3 hours |

JUNIOR YEAR

| First Semester | | Second Semester | |
|----------------------|---------|----------------------|---------|
| English | 3 hours | English | 3 hours |
| Philosophy | 4 hours | Philosophy | 4 hours |

SENIOR YEAR

| First Semester | Second Semester |
|-----------------------------|-----------------------------|
| Philosophy4 hours | Philosophy4 hours |

One course is elective in Sophomore year, two in Junior and three in Senior year.

BACHELOR OF PHILOSOPHY AND BACHELOR OF LITERATURE

The degree of Bachelor of Philosophy, (Ph. B.), is conferred on those who substitute modern languages for the ancient classics prescribed in the A. B. Course in addition to the number of courses prescribed in the departments of Philosophy, English, History, Science, Economics, Sociology and Education.

The degree of Bachelor of Literature, (Litt. B.), is conferred on those who devote most of their attention to modern literature and who substitute modern languages for the ancient classics prescribed in the A. B. Course.

BACHELOR OF SCIENCE IN MEDICINE

CURRICULUM PREPARATORY TO MEDICINE

Since the leaders in medical education advise a four-year college education for students preparing to study medicine such students are urged to take one of the regular degree courses outlined above. All standard medical schools now require as a minimum two years of college work in addition to a four-year course in an approved high school. The Medical School of The Creighton University requires at least two years (sixty semester hours) of college work for admission. In the premedical course the following subjects are required:

| | |
|---|------------------|
| Chemistry, General Inorganic..... | 8 semester hours |
| Chemistry, Organic | 4 semester hours |
| Biology | 8 semester hours |
| Physics | 8 semester hours |
| English Composition and Literature..... | 6 semester hours |

The schedule of subjects followed by premedical students at Creighton College of Liberal Arts and Sciences are as follows:

FRESHMAN YEAR

| First Semester | Second Semester |
|-----------------------------|-----------------------------|
| Chemistry4 hours | Chemistry4 hours |
| Philosophy4 hours | Philosophy4 hours |
| English3 hours | English3 hours |
| Mathematics or Modern | Mathematics or Modern |
| Language4 hours | Language4 hours |

SOPHOMORE YEAR

| First Semester | Second Semester |
|------------------------------|-----------------------------------|
| Chemistry4 hours | Chemistry4 hours |
| Biology4 hours | Biology4 hours |
| Physics4 hours | Physics4 hours |
| Foreign Language.....4 hours | Foreign Language4 hours |

The successful completion of the course outlined above and of the courses prescribed in the Freshman and Sophomore years of the Medical Department entitles the student to the degree of Bachelor of Science in Medicine. This degree is conferred after the Sophomore year of the medical curriculum is completed.

PRELEGAL CURRICULA

On account of the higher requirements now obtaining in the law colleges of the United States, prelegal curricula have been arranged

for those looking forward to the law as a profession. The Law School of The Creighton University requires at least one year of collegiate training (30 semester hours) for admission to its courses and urges that three or four years be taken in a College of Liberal Arts in preparation for law studies. Hence two kinds of programs are here given: one for students who wish to spend one or two years in preparatory work, NOT AS CANDIDATES FOR A DEGREE, but solely to equip themselves for law studies; the other for students who enter as candidates for an academic degree, (A. B., B. S., Ph. B., Litt. B.), but expect afterwards to pursue a course in law.

I. PRELEGAL STUDENTS, NOT CANDIDATES FOR AN ACADEMIC DEGREE

ONE YEAR CURRICULUM

| First Semester | | Second Semester | |
|--------------------------------|---|--------------------------------|---|
| English 1 | 3 | English 2 | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| History or Social Science..... | 3 | History or Social Science..... | 3 |
| Philosophy | 4 | Philosophy | 4 |

TWO YEAR CURRICULUM

First year as outlined above.

Second year:

| Second Semester | | First Semester | |
|--------------------------------|---|--------------------------------|---|
| English 3 | 3 | English 4 | 3 |
| Ethics | 3 | Ethics | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| History or Social Science..... | 3 | History or Social Science..... | 3 |
| Public Speaking | 2 | Public Speaking | 2 |

II. PRELEGAL STUDENTS WHO ARE CANDIDATES FOR ACADEMIC DEGREES

THREE YEAR CURRICULUM

When the prelegal student has chosen the degree for which he wishes to be a candidate, his program of studies will be so arranged that within three years he will be able to complete the subjects required for his prospective degree. The elective subjects may be chosen from the courses offered at the Law School.

FOUR YEAR CURRICULUM

Candidates intending to spend four years in academic work will have their program of studies made up from the schedules given above for their various academic degrees, the program of studies differing according to the degree the student has in view.

TRAINING OF TEACHERS

The University First Grade City State Teachers' Certificate is granted to graduates of the College who have satisfactorily completed this special course as outlined below, in virtue of the recognition of The Creighton University by the State Superintendent of Public Instruction "as an institution duly incorporated under the laws of the State of Nebraska, and having an equivalent of the courses in the University of Nebraska for the degrees of Bachelor of Arts and Bachelor of Science. It is therefore authorized to issue certificates to such graduates as have completed the course of special training and instruction of teachers, said course being an equivalent of the course prescribed by the regents and faculty of the University of Nebraska for the special training and instruction of teachers, and such graduates shall be accredited as qualified teachers within the meaning of the school laws of the State, having equal privilege upon equal conditions with graduates from any and all other educational institutions within the State under the school laws thereof."

Requirements: First. General knowledge. The candidate must fulfill the conditions required for a Bachelor's degree.

Second. Special knowledge. The completion of work amounting to at least forty hours divided between two or three subjects which the student expects to teach, the ultimate decision as to the student's proficiency resting with the Professors concerned.

Third. Professional knowledge. The completion of six hours Psychology and of fifteen hours in the History and Science of Education, Educational Psychology and Educational Theory and Practice.

OUTLINE OF COURSES OF STUDY

In the numbering of courses an odd numeral denotes that the course is offered during the first semester, an even numeral that the course is offered during the second semester.

In the laboratory courses a minimum of two hours of actual work in the laboratory is required for each hour of credit.

The Faculty reserves the right to refuse to offer a course for which there is not a sufficient number of applicants.

ASTRONOMY

1. Descriptive Astronomy. Fundamental astronomical facts and principles: astronomical co-ordinates; the celestial sphere. Astronomical instruments. The sun, moon and eclipses. The planets. Comets, meteors. Constellations, clusters and nebulae. Three hours.

2. Spherical and Practical Astronomy. Introduction to celestial mechanics. The determination of time, latitude and longitude. Conic sections. Orbits of planets and satellites. Three hours.

BIOLOGY

1. Invertebrate Zoology. A study of the morphology, physiology, and life history of invertebrate animals. Special attention is given to parasitic Protozoa and Vermes and to insects which act as carriers of disease. Lectures and recitations, three hours a week; laboratory work, two periods a week, first semester. Four hours.

2. Vertebrate Zoology. The comparative anatomy and physiology of vertebrate animals, including an introduction to vertebrate embryology, based primarily on the development of the frog. Attention is also given to problems of broader biological interest, including especially the general problem of heredity. Lectures and recitations, three hours a week; laboratory work, two periods a week, second semester. Four hours.

3-4. Zoology. A course giving a general survey of the field of Zoology. Field and library work supplement the laboratory. Lecture and recitation, two periods; laboratory, two periods. Two semesters. Four hours.

5-6. Botany. A course offering a general survey of the plant kingdom. Mostly morphological, it includes a study of types of all the phyla. Field and library work. Lectures and recitation, two periods; laboratory, two periods. Two semesters. Four hours.

7-8. Combined Course in Botany and Zoology. A course offering a survey of the more important groups and vital phenomena of the plant and animal kingdom. Botany, first semester; Zoology, second semester. Field and library work. Lecture and recitation, two periods; laboratory, two periods. Two semesters. Four hours.

9-10. Physiology. A general and elementary course in animal function, with special lectures on hygiene. Lecture and recitation, two periods; laboratory, two periods. Two semesters. Four hours.

11. Histology Technique. An opportunity is offered to premedical students for learning the technique of cutting and staining histological sections. Course by special arrangement with instructor.

CHEMISTRY

1-2. General Inorganic Chemistry. An introductory course dealing with the fundamental theories and principles of the science, intended for students beginning the study of chemistry in college. This course is planned not only for those who recognize chemistry as an important part of liberal education, but also to afford a thorough foundation for prospective teachers and professional students.

Instruction is given by means of lecture-demonstrations, recitations, problems, and carefully selected laboratory work. Two lectures and two laboratory periods a week. Two semesters. Four hours.

3-4. General Inorganic Chemistry. Prerequisite: One year of work in chemistry in High School. This course covers the same work as Course 1, but laboratory work is more advanced. Three lectures and two laboratory periods a week. Two semesters. Four hours.

5-6. General and Analytical Chemistry. This course differs from Course 1 and Course 2 in that the elements of analysis are introduced in the second semester. It is designed to meet the needs of students who cannot give more than one year to general chemistry and analysis. Three lectures and two laboratory periods a week. Two semesters. Four hours.

7-8.—Elementary Qualitative Analysis. Prerequisite: 1-2 or 3-4 or equivalent.

The periods of class work in this course are divided between lectures on the theories and practice of analysis, recitations and discussions on the laboratory work. Considerable stress is laid upon the application of the laws of equilibrium, and of the theories of solution and electrolytic dissociation. Two lectures and three laboratory periods a week. Two semesters. Five hours.

9. Advanced Qualitative Analysis. A continuation of Course 7-8. In this course the more difficult theoretical questions and applications are taken up. The laboratory work will be devoted to complete analyses of more difficult minerals, alloys, etc., and will be varied according to the purpose that the student has in view in taking the course. One lecture and three laboratory periods a week. One semester. Four hours.

10. Quantitative Analysis. Prerequisite: Course 5-6 or equivalent. An introductory course designed to familiarize the student with manipulation, calculation and typical gravimetric, volumetric and electrolytic methods. It provides the necessary preparation for more advanced work and for special methods of analysis. One lecture and two laboratory periods a week. One semester. Three hours.

11. Advanced Quantitative Analysis. A continuation of Course 6. The laboratory work will consist of the complete analysis of rocks, minerals, ores, slags, alloys, commercial materials and products. Chiefly laboratory work. Three periods a week. One semester. Three hours.

12. Volumetric Analysis. Prerequisite: Course 3 or equivalent. This course is especially designed for students desiring to take up volumetric analysis as a preparation for medicine. It will include typical illustrations of volumetric processes and discussions of the

theoretical questions involved. One lecture and two laboratory periods a week. One semester. Three hours.

13-14. Organic Chemistry. Prerequisite: Course 1-2 or 3-4 or equivalent.

A general introduction to organic chemistry, covering the chief classes of organic compounds of both the aliphatic and aromatic series, their relation and theories of their constitution.

The laboratory work will consist in the preparation and study of the reactions of the compounds taken up in class.

This course is recommended to students preparing for medicine. Two lectures and two laboratory periods a week. Two semesters. Four hours.

EDUCATION

1. History of Education. Ancient and mediaeval education; theories methods and ideals. First semester. Three hours.

2. History of Education. Modern education; the Renaissance and humanistic studies; a survey of systems, movements and tendencies in educational ideals and methods during the sixteenth, seventeenth, eighteenth and nineteenth centuries. Present tendencies in France, Germany and England, and especially in the United States. Second semester. Three hours.

3. Science of Education. The principles underlying all education, and the relative values of different curricula when tested by these principles. Lectures, discussion, required reading and reports. Three hours.

4. Methods of Teaching. Educational theory and practice, general and special; comparative study of the principal systems of education. Lectures, required readings and discussions. Three hours.

5. School Organization. A study of class-room management and high school administration; the School Code of Nebraska, American secondary schools, public and private; typical high school courses; grouping and evaluation of studies; the mechanics of the recitation; the problems of grading, promotion and school record. Three hours.

6. Psychology. Empirical and rational psychology. (See under Philosophy 4.) Four hours.

7. Educational Psychology. A study of psychological facts in their bearing on the work of education; physical growth and mental development; instincts, heredity, individuality, abnormalities. Three hours.

8. Child Study. The application of the physiology and psychology of childhood and adolescence to education. Three hours.

9-10. Observation and Practice Teaching. During the first semester each student will be required to observe and discuss classes taught in The Creighton University High School and St. John's Grade School. Two hours each week for Seniors. During the second semester each student will prepare thirty recitations, and teach them under the supervision of a critic teacher. Three hours.

ENGLISH

1. Rhetoric and Composition. A course in the essentials of Rhetoric and in the various modes of composition. Required of Freshman students who are deficient in the history or practice of correct English. Three hours.

2. Advanced Rhetoric. A systematic course based on textbooks, in the theory of rhetoric, the study of style, and the requisites of the various species of writing. A prerequisite to course 10. Three hours.

3. Poetry. The principles of versification, with particular attention to the fixed forms; the nature and elements of poetry, its various species, except the drama. Reading, analysis and appreciation of the chief poets, partly in class study, partly in assignments. Composition in the shorter forms. Three hours.

4. The Short Story; The English Novel. (a) The Short Story. The theory and technique of the short story; its development and various kinds. Reading and appreciation of short stories, and composition in the form.

(b) The Novel. The principal purpose of this course is to study the technique of the novel, the various schools of fiction and their tendencies, with especial attention to their ethical and literary value. The historical development will be briefly surveyed. Three hours.

5. Oratory. The theory of oratory; analysis and study of oratorical masterpieces; historical study of the great orators. The preparation of briefs, the composition and delivery of short addresses, speeches for occasion, debates, and at least one formal oration, will be required. Three hours.

6. Journalism. (a) The ethics of journalism; a brief survey of the history of journalism, its development, and discussion of its present tendencies.

(b) The technology of the pressroom, news gathering and reporting; preparation of copy, copy-reading, proof-reading, interviewing and editing. Field work will be required, and co-operation with the College periodicals. Three hours.

7. The Development of the Drama. The technique of the drama; its various forms. The theory of the drama will be studied, by means of lectures and assignments, in its history and development; examples of the different forms will be analyzed; composition in dialogue, dramatic sketches, playlets, scenarios, and at least one complete drama, will be required. Three hours.

8. Shakespeare—The Modern Drama. (a) Shakespeare's life, influence, sources of his dramas; an acquaintance by reading and assignments, with the Shakespearean literature of criticism; a study of the chief plays, especially in comparison with those of other dramatists.

(b) This course will be confined to English and American Drama, though some of the continental influence will be noted and analyzed. The more noteworthy plays of the chief dramatists from Goldsmith and Sheridan to the present will be read. Three hours.

9. Aesthetics and Literary Criticism. The philosophical basis of aesthetics, the elements of taste; the theory of criticism; a survey

of critical standards; a study of the schools of criticism and of the work of the chief literary critics. Critical papers on assigned subjects will be required. Three hours.

10. The Essay. The nature of the essay; the artistic and didactic types, and their various forms; the characteristics of each. An historical survey of the essay with a brief study of the works of the chief essayists. Newman will receive especial attention. Composition in the various forms of the essay will be required. Three hours

11. History of English Literature. (a) Early English Literature. A general survey of the origin and development of the periods to 1750; chief writers and characteristics.

(b) English Literature since 1750. An outline history of modern English literature, with required readings and assignments to cover subjects not provided for in other courses.

(c) American Literature. An historical survey, with especial emphasis on the chief influences and writers. Three hours.

EVIDENCES OF RELIGION

1. Truth of the Catholic Religion. Christianity a Revealed Religion. Introductory Notions. Revelation in General. Pre-Christian Revelation, Patriarchal, Mosaic; Divine Origin of Pre-Christian Revelation Established by Miraculous Facts; Supernatural Facts of Mosaic Revelation Proved by Documentary Evidence. The Christian Revelation, Divine Origin, Miraculous Facts Proved by Various Evidences.

The Church the Dispenser of the Christian Religion. Institution of the Church. The End of the Church. Constitution of the Church.

2. The Church. God, Unity and Trinity. Marks of the Church. The Teaching Office of the Church, Considered in Itself and in its Sources. Holy Scripture and Tradition; the Rule of Faith.

God the Author and Restorer of Our Salvation. God Considered in Himself; as One in Nature; His Existence, Nature, Attributes, Unity. God in Three Persons.

3. Creation and Redemption. God the Creator of the World and Author of Salvation. The Creation of the World in General. The Various Grades of Creation; The Spiritual World, the Material World, Man. The Different Orders of Creation in Their Relation to One Another. God the Redeemer of Fallen Man; Decree and Plan of Redemption, The Redeemer One Person and Two Natures. The Work of the Redemption.

4. Grace and the Sacraments. The Plan of Salvation as Realized in Individuals—Introductory. Grace: Actual Grace, Habitual or Sanctifying Grace. The Sacraments as Means of Grace. The Sacraments in General. The Sacraments in Particular: Baptism, Confirmation, The Holy Eucharist (a) as a Sacrament, (b) as a Sacrifice.

5. The Sacraments—Christian Morality. Penance, Extreme Unction, Holy Orders, Matrimony. The Church as a Means of Salvation. The Last Things.

Christian Moral in General: Basis of Morality, Law as the Objective Norm of Human Action, Conscience the Subjective Norm of Moral Actions, The Condition of Morality. Moral Good and Moral Evil.

Christian Moral in Particular: The Christian's Duties Toward God; the Three Theological Virtues, Faith, Hope, Charity.

6. Christian Virtue and Perfection. The Virtue of Religion: Internal and External Worship Due to God; Two Kinds of Acts of Worship: Direct Acts of Religion; Indirect Acts of Divine Worship or the Veneration of the Saints; The Church as Controller of Religious Worship. Christian Duties Toward Ourselves and Our Neighbor: (a) Toward Ourselves; (b) Toward Our Neighbor; General Duties, Special Duties.

Works of Supererogation or Christian Perfection. Ecumenical Councils. Professions of Faith. The Syllabus of Pius IX.

7. The Bible. (a) General Introduction. Canon Determined by the Church. Protestant Canon, Hebrew: Catholic Canon. Alexandrian. Nature of the Different Books; Their Authors. Languages in which they were written. Authenticity, Integrity, Veracity, Inspiration. Fact of Inspiration.

The Decrees of the Pontifical Commission "de re Biblica," and Other Decisions of the Church. The Errors of Biblical Rationalism Refuted.

(b) Exegesis. The Bible and Science. Difficulties from Geology. The Deluge. Difficulties from Astronomy, Biology, Paleontology and Evolution. Unity and Antiquity of the Human Race. Lake Dwellers. Egyptology.

8. Scripture Reading. Genesis cc 1-22, 28, 37, 46, 49.

The New Testament. Especially, one of the synoptic gospels entire; cc. 1, 2, 3, of St. Luke; cc. 14, 15, 16, 17 of St. John; the Acts entire; 1 Cor.; both epistles to Timothy; Catholic epistle of St. James; II epistle of St. Peter; cc. 2, 3, 21 of the Apocalypse.

FRENCH

A. Elementary French. Chardenal's Complete French Course. Careful drill in pronunciation. The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the order of words in the sentence; colloquial exercises; writing French from dictation; easy themes; conversation. First semester.

Four hours.

B. Elementary French—Continued. Chardenal's Complete French Course. Mastery of all the rare irregular verbs forms; uses of the conditional and subjunctive; syntax. Reading of graduated texts, with constant practice in translating into French portions of the text read; dictation, conversation. Second semester.

Four hours.

C. Intermediate French. Reading, conversation, prose composition, letter-writing, exercises in French syntax. Prerequisite: French A and B or equivalents. First semester.

Four hours.

D. Intermediate French—Continued. Grammar review, with special attention to problems in syntax. Detailed written abstracts of texts read. Letter-writing. Conversation. Second semester.

Texts: Bruno, *Le Tour de la France*; Sarcey, *Le Siege de Paris*; Renard, *Trois Contes de Noel*; Labiche and Martin, *Le Voyage de M. Perrichon*; Fortier, *Napoleon*; Chateaubriand, *Les Aventures du Dernier Abencerage*.

Four hours.

1. Modern French Prose. The study of novels or short stories by modern French prose writers. Erchmann-Chatrain, Bazin, Corneille, Chateaubriand and others. Grammar and composition based on a French text. Three hours.

2. French Poetry of the Nineteenth Century. Readings from Alfred de Vigny, Alfred de Musset, Lamartine and others, with an introduction to French versification. Selections committed to memory. Three hours.

3. French Oratory. A study of the French orators and their works; Bossuet, Bourdaloue, Massillon, Flechier; prose composition; private reading. Three hours.

4. The French Drama. The reading of dramas chosen from such authors as Corneille, Moliere, Racine, together with a study of their lives and works. Three hours.

5. History of French Literature. A general survey of the history of French literature from its earliest beginnings to the close of the reign of Louis XIV; collateral reading. Three hours.

6. History of French Literature. A general outline of the literature of the seventeenth, eighteenth and nineteenth centuries, dealing only with writers of first importance. Three hours.

GEOLOGY

1. Dynamical and Structural Geology. Atmospheric, aqueous and igneous agencies and their work. Rivers. River and marine deposits. Glaciers. Earth movements. Volcanoes. Earthquakes. Classification of rocks. Metamorphism. Mineral deposits. Coal, oil and natural gas. Mountain formation and topography. Three hours.

2. Historical Geology. Evolution of the earth. Fossils and their significance. Geological eras, periods, epochs and corresponding systems. The prevalent species of plants and animals of the successive geological ages. The advent of man. Three hours.

GERMAN

A. Elementary German. This course is intended for students who have not presented German for admission. German pronunciation, colloquial exercises, easy themes, translation from prose selections. First semester. Four hours.

B. Elementary German—Continued. Weak and strong verbs; the use of the modal auxiliaries; the chief rules of syntax and word-order; selections in prose and verse; dictation based upon the reading; frequent short themes; conversation; memorizing of poems.

Reading: Baumbach, *Der Schwiegersohn*; Strom, *Immensee*; Arnold, *Fritz auf Ferien*; Wildenbruch, *Das edle Blut*. Four hours.

C. Intermediate German. Rapid review of grammar; dictation; prose composition. Open to students who have credit for German A. and B, or who have presented Elementary German for admission. First semester. Four hours.

D. Intermediate German—Continued. The more difficult points of syntax; special problems of grammar. Reading of selected texts. Dictation and themes based upon the reading. Memorizing of poems. Second semester.

Reading: Schiller, Wilhelm Tell; Goethe, Herman und Dorothea and Iphigenie; Uhland's Poems. Four hours.

1. **German Prose Writers.** The study of novels or short stories by German prose writers: Freytag, Hauff, Herbert, Stifter, Novalis, Brentano, Eichendorff. Three hours.

2. **German Poetry.** Reading from German ballads and lyrics. Selections committed to memory. Special attention is given to the study of rhythm and metre. Three hours.

3. **The German Epic.** Weber, Dreizehnlinden; Scheffel, Der Trompeter von Sakkingen; selections from other epic poems. Three hours.

GREEK

A-B. Elementary Greek. An intensive course, intended for those who enter without Greek. White's First Greek Book; Xenophon, Anabasis; Homer, Iliad; composition based upon Xenophon. Throughout the year. Five hours.

1. **Homer; New Testament.** Homer, the reading of selected portions of the Iliad; New Testament, selections; Homeric dialect, prosody; outline of Greek epic poetry. Three hours.

2. **Plato.** The Apology and Crito; the life and teaching of Socrates; contemporary Greek history. Three hours.

3. **Demosthenes.** Philippics; analysis of Philippic I or III; the history of the development of Greek oratory. Three hours.

4. **Demosthenes; Sophocles.** Demosthenes, On the Crown, with detailed analysis; Sophocles, Antigone, Oedipus Tyrannus or Oedipus Coloneus; sight reading, New Testament, selections from the Greek Fathers. Three hours.

5. **Plato; Herodotus.** Plato, Phaedo; Herodotus, selections; Greek historians and historical sources. Three hours.

6. **Aeschylus.** Prometheus Bound, or Agamemnon; a survey of the Greek drama. Three hours.

7-8. **Prose Composition.** Practice in the writing of simple Greek. Required in connection with courses 1 and 2. Two hours.

9-10. **Advanced Prose Composition.** Required in connection with 3 and 4. Two hours.

HISTORY

1. **Early Mediaeval History.** Migration of Nations. The Islam, the Franks, the Lombards, and the Holy See. Church and State. The Carolingians. The Northmen in Europe. The Making of Germany and the Rise of the Empire. Lay-Investiture. Three hours.

2. **The Middle Ages.** The Crusades. The Hohenstaufens. Invasion of the Mongols. Saint Louis. Life in the Middle Ages. Feudalism. England and France in the Middle Ages. Three hours.

3. **Renaissance and Revolution.** The Exile of the Papacy. The Western Schism. The Hundred Years War. The War of the Roses. Consolidation of European Monarchies. The Revival of Learning, of Art and Politics. Social Conditions. The Protestant Revolution in Germany, England and Scotland. Catholic Revival. Three hours.

4. Results of the Protestant Revolution. The Huguenot Wars in France. The Revolt of the Netherlands. The Thirty Years War. The Puritan Revolution. The Age of Louis XIV. War of the Spanish Succession. The Church and the State. Three hours.

5. Europe During the Eighteenth Century. The Making of Russia. The Rise of Prussia. The Downfall of Poland. The French Revolution. Napoleon Bonaparte. Three hours.

6. Europe Since 1814. The Industrial Revolution. England and France in the Nineteenth Century. The Unification of Germany. The Unification of Italy. The Social, Political and Religious Conditions in Europe. The Eastern Question. The Partition of Africa. The World War of 1914. Three hours.

7-8. Constitutional and Political History of the United States. The political and industrial development of the nation. Such topics as political policy, territorial expansion, immigration and slavery are discussed in lectures and class reports. Two semesters. Three hours.

LATIN

1. Vergil; Horace. Selections from the Aeneid and Georgics, with special reference to their literary qualities. Horace, *Ars Poetica*; readings from Christian hymnology; prosody. Three hours.

2. Livy. Selections from Books XXI and XXII; a study of Livy's style; elements of change from the prose of the Ciceronian age. Second semester. Three hours.

3. Horace; Cicero. Horace, selected Odes and Epodes. Selections from Christian hymnology. Cicero, *Pro Milone* with special references to its rhetorical and argumentative qualities. First semester. Three hours.

4. Horace; Tacitus. Horace, selected Epistles and Satires. Lectures on the chief characteristics of Roman satire; Horace's philosophy of life. Tacitus, *Agricola* and *Germania*; the Latinity of the first and second centuries after Christ. Essays in Latin. Three hours.

5. Juvenal; Cicero. Juvenal, selected Satires, *Quaestiones Tusculanae*; Cicero's position as a philosopher, his contribution to Roman philosophic writings. First semester. Three hours.

6. Cicero; Plautus; Pliny. Cicero, *Quaestiones Tusculanae*. Plautus, *Captivi*. Pliny, *Letters*. Three hours.

7-8. Prose Composition. The translation into Latin of select passages from English classic authors. Kleist's *Aids to Latin Prose Composition* and a Practical Course in Latin Composition. Prerequisite or parallel: Courses 1 and 2. Both semesters. Two hours.

9-10. Advanced Prose Composition. A course in advanced prose composition consisting of short original papers in Latin; intended to accompany Courses 3 and 4. Required of A. B. Sophomores. Both semesters. Two hours.

MATHEMATICS

1. College Algebra. Including binomial theorem, variables and limits, series, determinants and the theory of equations.

Text: Hawkes' *Higher Algebra*. Prescribed for A. B. and B. S. candidates. Four hours.

2. Plane Trigonometry. Functions of acute angles. The right triangle. Goniometry. The oblique triangle. Construction of logarithmic tables.

Text: Wentworth. Prescribed for A. B. and B. S. candidates.
Four hours.

3. Analytic Plane Geometry. Loci and equations. The straight line. The circle. Different systems of co-ordinates. The parabola. The ellipse. The hyperbola. Open to Sophomores, Juniors and Seniors.

Text: Wentworth. Three hours.

4. Analytic Solid Geometry. The point. The plane. The straight line. Surface of revolution. Open to Sophomores, Juniors and Seniors.

Text: Wentworth. Three hours.

5. Differential Calculus. Fundamental notions of variables, functions, rates and limits. Geometrical representations of functions. Derivatives, differentials, anti-derivatives and anti-differentials. The differentiation of ordinary functions; algebraic, logarithmic, exponential, trigonometric and anti-trigonometric functions. Open to Sophomores, Juniors and Seniors.

Text: Murray's Infinitesimal Calculus. Three hours.

6. Integral Calculus. The nature of integration. Elementary integrals. Geometrical applications of integration. Irrational and trigonometric functions. Successive integration. Multiple integrals. Infinite series. Taylor's and Maclaurin's theorems. Open to Sophomores, Juniors and Seniors.

Text: Murray's Infinitesimal Calculus. Three hours.

MILITARY SCIENCE AND TACTICS

Enrollment in the Reserve Officers' Training Corps unit is prescribed for all students in the College of Liberal Arts, during Freshman and Sophomore years. To be eligible for enrollment the student must be a citizen of the United States, whose bodily condition indicates that he is physically fit to perform military duty, or will be so upon arrival at military age. No member of the Army, Navy, or Marine Corps of the United States, or of the National Guard or Naval Militia, shall be eligible for membership in the Reserve Officers' Training Corps. Members of the National Guard may be discharged therefrom by the Adjutant General of the State, upon presenting evidence of enrollment in the Reserve Officers' Training Corps. Excuses from enrollment will be granted only on certificate of physical disability.

Upon enrollment in the Reserve Officers' Training Corps each student will be supplied by the United States with his complete uniform. At time of registration each student liable for military training, as above outlined, will deposit with the Treasurer of the University the sum of \$10.00 to cover loss or damage to uniforms or other equipment, the property of the United States, which may be issued to him. Such portion of this deposit as is not required to replace loss or repair damage will be refunded to the student on his departure from the University on an order signed by the Commandant of the Cadets.

A minimum of three hours per academic week is required of first

and second year students and five hours per week for third and fourth year electives.

In addition to the prescribed work a student is permitted to elect military study to the maximum of 8 semester-hours, and will receive for work satisfactorily completed regular college credit counted in the 128 hours required for graduation.

The course of theoretical study and the practical instruction constitute a progressive course covering a period of four years, of which the last two are elective. Those who continue the work electively, after completing the two years of required work, are paid commutation of rations by the United States at the rate of about forty cents per day. Such payment is contingent upon an agreement, in writing, by the student to attend two camps of four weeks duration each.

After graduation a graduate of the Reserve Officers's Training Corps may be commissioned as an officer in the Officers' Reserve Corps of the United States, or may be temporarily commissioned with a unit of the regular army for the period of six months with pay at \$100.00 per month and allowances. Upon completion of this period of training such officer is enrolled in the Officers' Reserve Corps. The object of this course of training is to fit the graduates of the Reserve Officers' Training Corps for the duties of commissioned officers in time of war or threatened war.

Enrollment in the R. O. T. C. for a two year period is a prerequisite for graduation.

PHILOSOPHY

NOTE—The courses outlined below take two years for their completion. A shorter course embracing Logic (four semester hours) Psychology and Ethics (four semester hours) is offered and required as a minimum from candidates for all academic degrees.

1. Logic. (a) Dialectics. Simple intellectual apprehension. Classification of ideas. Verbal terms. Judgment. Classification of propositions. Opposition, equivalence and conversion of propositions. Reasoning. Verbal expression or reasoning. Laws of the syllogism. Figures and moods of the syllogism. Classification of syllogisms. Other forms of argumentation. Demonstrative, probable, sophistical reasoning. Logical division. Definition. Method, analytic and synthetic.

(b) Criteriology. Logical truth and falsity. Various states of mind possible in regard to truth. Certitude. Skepticism, universal and partial. Trustworthiness of our faculties for the attainment of logical truth; consciousness, the external senses, objective value of universal ideas and immediate a priori analytical judgments, deductive reasoning, scientific induction. Human testimony, particular and universal. Divine testimony. Objective evidence as the universal criterion and ultimate motive of natural certitude. Four hours.

2. General Metaphysics or Ontology. Real being. Essence and existence. Possible being. The transcendental attributes of being—unity, truth, goodness. Substance. Accidents. Person. Relation. Causality. Material, formal, efficient, final causes. Grades of perfec-

tion of being: simple and composite being, finite and infinite being, self-existing and caused being, order, beauty. Four hours.

3. Cosmology and Natural Theology. (a) The primal efficient cause of the universe; materialism, pantheism, creationism. The ultimate final cause of the universe: God's extrinsic glory and the intrinsic perfection and eternal beatitude of rational creatures. General properties of corporal substance: chemical, physical mechanical facts. The radical intrinsic constituents—primary material and formal causes—of corporeal substance: theory of mechanical atomism of dynamism of chemical atomism, of energism, of hylomorphism. Space and time. The laws of nature. Miracles. Two hours.

(b) The existence of God. The fundamental attributes of the personal God. The divine intellect. The divine will. Divine preservation and concurrence. Divine providence. Refutation of atheism, agnosticism, pantheism, polytheism, manicheism. Two hours.

4. Psychology. (a) Life. Organic or vegetative life. The living cell. The vital principle. Sentient or animal life. The nervous system. Sense-organs. Sensuous cognition. Sensuous appetency. Spontaneous movement. The principle of sensitive life. Origin of species.

(b) Rational life. Intellectual cognition and the intellect. Genesis of intellectual ideas. Volition and the will. The free will of man. The principle of life in man. The human soul a substantial, simple, spiritual, immortal principle. Origin of the human soul. Origin of the human species. Four hours.

5. General Ethics. Ethics defined. The material object of ethics: the human act, the voluntary, the free and deliberate, and the causes modifying the voluntary and the free. The foundation of morality: the ultimate end of man, the divine eternal law, the divine natural law. The formal object of ethics; the morality of human acts, the norm of morality, hedonism, utilitarianism, rationalism and moral positivism refuted, the determinants of morality, the proximate objective criterion of morality, conscience.

6. Special Ethics. Rights and duties in general. Man's duties towards God. Man's duties toward himself. Man's duties towards others. Right of ownership. Social system of collectivism. Socialism. Modes of acquiring property. Society in general. The family. Divine institution, unity and indissolubility of marriage. Parental authority. Education. Civil society: its nature, origin, end. Origin of supreme civil authority. The subject of supreme civil authority. Specific forms of civil government. International law. Four hours.

7. History of Ancient Greek Philosophy. In ancient Greek philosophy attention is directed primarily to the teachings of Socrates, Plato and Aristotle, and to the systems of Stoicism and Epicureanism. Plotinus is taken as representative of the Alexandrian movement; and St. Augustine is studied as the most conspicuous example of the early Christian philosopher. The course is carried on by means of lectures and recitations and the reading of representative selections. Turner's History of Philosophy is used as the basis of lectures and recitations. First semester. Two hours.

8. History of Mediaeval and Modern Philosophy. In the study of mediaeval philosophy attention is centered on the origin and de-

velopment of Scholastic philosophy and on the system of St. Thomas as the most complete synthesis of mediaeval thought. In the division of modern philosophy, Descartes, Locke, Hume, Kant, Hegel and Spencer are taken for special study. Among present day tendencies the revival of Scholasticism and the trend towards realism are noticed. DeWulf's Mediaeval Philosophy is made the basis of the treatment of Scholastic philosophy and Turner's History of Philosophy is used as the text for modern systems. Lectures, recitations, readings and discussions. Second semester. Two hours.

PHYSICS

1. General Physics. Mechanics; equilibrium and motion of solids, liquids and gases; molecular forces, elasticity and capillarity; heat and sound. Lectures, three hours a week, with two hours laboratory work. Four hours.

2. General Physics—Continued. Light, electricity and magnetism. Lectures, three hours a week, with the two hours laboratory work.

Text: Carhart's College Physics.

Four hours.

3. Mechanics and Heat. This course embodies the theory as well as the accurate determination of physical constants; adjustments and use of instruments of precision; verification of laws of impact, torsion, rigidity, etc.; Young's Modulus, Moment of Inertia. Determination of vapor pressures and densities; freezing and boiling points; specific heats; hygrometry. Lectures, recitations and laboratory work. Four hours.

4. Light, Sound, Electricity. The discussion of the theories which underlie the phenomena of these subjects, with due emphasis upon the important application of waves and harmonic motion to these phenomena. The laboratory covers the law of refraction, diffraction, spectrum analysis, photometry, polarization; stationary waves, Lissajous' curves; electrostatic induction, capacity of condenser, measurement of resistance, operation of dynamo, motor, alternator, transformer. Lectures, recitations and laboratory work.

Prerequisites: Plane Trigonometry, High School Physics.

Text: Carhart's College Physics.

Four hours.

5-6. Theory and Methods of Physical Measurements. The construction, use and adjustments of accurate laboratory apparatus, particular attention being paid to optical and electrical measurements. Throughout the year. Two lectures and two laboratory periods.

Prerequisite: Courses 1 and 2.

Four hours.

PUBLIC SPEAKING

1. Principles of Vocal Expression. Practical training in the fundamentals of effective speaking. Instruction on the management of the breath; methods of acquiring clear articulation; correct and refined pronunciation; direct, conversational and natural speaking; inflection; qualities of voice and their use; purity, range and flexibility of tone. Individual criticism and conferences with the instructor. One hour.

2. Gesture and Technique of Action. The study of poise; posture, movement and gesture; spontaneity of expression; correction of man-

nerism; power and pathos; ease, grace and effectiveness of delivery. Class exercises, criticism and conferences. One hour.

3. Argumentation and Debating. A practical training for those students who have taken or are taking the course in oratory prescribed under English 5. Thought development; division and arrangement; argumentative, persuasive and demonstrative speeches; a finished argument and the fallacies of argument; the essentials of parliamentary law and practice; manner of conducting deliberative assemblies. Class exercises, individual criticisms and conferences. One hour.

4. The Occasional Public Address. Informal public addresses; the presentation of business propositions before small or large audiences; impromptu and extempore speaking; after-dinner talks. Speeches for various occasions. Class exercises, individual criticisms and conferences. One hour.

5-6 Practical Oratory and Debating. This course covers three years and is open to all the students of the College. Its aim is to afford special training in public speaking. To this end strict parliamentary practice is followed throughout. The literary and oratorical exercises include declamations and elocutionary reading; criticism and discussion of interpretation and delivery; composition and reading of short stories, poems and essays; orations illustrative of rhetorical principles; extemporaneous speaking; the knowledge and application of parliamentary law; debates. Two hours.

SOCIAL SCIENCES

1. Economics. A general introductory course in Economics, dealing especially with the factors of production and the mechanism of exchange. The course is conducted by means of lectures and recitation and the class discussion of simpler economic problems. First semester. Three hours.

2. Economics. A continuation of Course 1, dealing with the subjects of business organization and administration and the distribution and consumption of wealth. The course concludes with an historical account of the chief schools of economic thought. Lectures, recitations and discussions. Second semester. Three hours.

3. Sociology. After a consideration of the meaning and scope of sociology as a science, the elements of the social organism—the individual, the family, the state and the church—are studied in their relations to one another and to the social welfare. The principles underlying possible social reform and the influences effective for such reform are emphasized. The history of social reform is briefly summarized. First semester. Three hours.

4. Sociology. This course continues Course 3, and is intended to show the application of the principles of Sociology to specific social problems, such as the labor question, immigration, poverty, intemperance, etc. Second semester. Three hours.

SPANISH

A-B. Elementary Spanish. The elements of grammar; composition and conversation; careful drill in pronunciation; dictation; reading of easy prose. De Vitis, Spanish Grammar; Hillis, Spanish

Tales for Beginners, Alarcon, El Capitan Veneno. Both semesters.
Four hours.

1. Modern Prose and Poetry. Review of grammar; composition, oral and written; sight reading; conversation; business correspondence. Reading of selected texts in prose and verse. Three hours.

Prerequisite: Course A-B or equivalent.

2. Classical Spanish. A study of the principal authors of the classical period. Representative texts will be chosen from the works of Lope de Vega, Calderon, Alarcon. Open to students who have completed Course 1 or equivalent. Three hours

COLLEGE ORGANIZATIONS

SOCIETIES FOR RELIGIOUS CULTURE

1. The Sodalties of the Immaculate Conception. The Sodality is an organization of Catholic students who propose to aim at a more than ordinary degree of earnest and practical Christian virtue. To attain this end the principal means employed is devotion to the Blessed Virgin Mary, Mother of God, by the study and imitation of her virtues, and by practices of piety and her honor; because the Mother of Christ, who was so intimately associated with Him during His earthly life, in the work of redemption, is still close to Him in Heaven and intensely active and powerful for our sanctification.

The purpose of the Sodality, however, is not limited to fostering the personal piety of the members. It aims, futhermore, at instructing them in methods of Christian zeal and charity, and stimulating them to the performance of social works. The result is to make them at once devout Christians and men of action such as the social needs of the present day demand.

At the weekly meeting the Little Office of the Blessed Virgin is recited, and an appropriate instruction or exhortation is given by the Director, a member of the Faculty.

2. The Apostleship of Prayer—League of the Sacred Heart. To encourage devotion to the Sacred Heart and to enable the students to acquire, while at College, the zeal for the interest of Our Lord, which is so general among the laity of the Catholic Church, the Apostleship of Prayer was established in 1879, and since then few of the students of the College have failed to have their names enrolled as active members.

3. The St. John Berchmans Sanctuary Society. The object of this society is to contribute to the beauty and the solemnity of Divine worship by an accurate observance of the liturgic rites and ceremonies, and to afford Sodalists of exemplary deportment the privilege of serving at the altar. The Sanctuary Society was organized in 1884, and has always counted from thirty to forty members.

SOCIETIES FOR ORATORICAL CULTURE

1. The Creighton Oratorical Association. As its name implies, the society trains its members to readiness and fluency in speaking before an audience. To this end likewise tends the attention paid to histor-

ical study and to composition. Meetings are held on Wednesday evenings and debates alternate with orations, recitations and literary essays. The Association was organized in 1884; in 1899 it was admitted to the Nebraska Collegiate Oratorical Association and during the month of January each year a contest takes place to determine the representatives in the contest. For the past four years a member of this Society has won first place in the Nebraska Oratorical Contest.

2. The Jeanne d'Arc Club. This Club, in the fourth year of its organization, has for its purpose to make known the lives of God's heroes and heroines—the Saints. To accomplish this purpose lectures illustrated by stereopticon views are delivered by the student members of the Club. The Club is directed by a member of the Faculty.

SOCIETIES FOR MUSICAL CULTURE

1. The Creighton University Orchestra and Band. The C. U. Orchestra and Band was organized in 1906. These organizations, besides offering the members training in instrumental music, enable them to minister to the enjoyment of their fellow students and of their friends at public entertainments. The organization possesses a large musical library. The members appear in formal and informal concerts during the year.

2. The Glee Club. There are two Glee Clubs, the College Glee Club, open to the less advanced in musical ability, and the University Glee Club. The object of both organizations is to further a taste for vocal music. Especial care is given to the instruction of the University Glee Club. The organization is under the charge of a member of the faculty and of a competent Director. The University Glee Club appears in an annual formal concert besides enjoying the opportunity of a number of informal public appearances.

OTHER SOCIETIES

The Creighton University Alumni Association. The Alumni Association of the College of Arts was organized October 26, 1903, but on December 21, 1913, was merged into the Creighton University Alumni Association, which is recruited from the ranks of the Alumni of the Colleges of Law, Medicine, Dentistry, Pharmacy and Arts and Sciences. The purpose of the Creighton University Alumni Association, or the Pan-Alumni, as it is usually called, is to foster the bond of union between the graduates of the various colleges and to provide a convenient means for participation in University tasks. Graduates of the College of Arts are admissible as are also students who attended the Arts College for at least two years, provided their class has graduated.

The Creighton University Athletic Association. The society was organized for the double purpose of fostering a college spirit and encouraging healthful bodily exercise among the students. The latter aim is not considered as an end sufficiently worthy in itself, but rather as an aid to earnest application to more serious pursuits.

The University encourages athletic sports in so far as they tend to promote the physical and moral development of the student. Kept within the proper limits they are a source of recreation and healthful exercise and help toward implanting in the character habits of gentlemanly self-repression, which cannot be disregarded in any

system of education. The University officers, however, are keenly alive to the fact that athletic sports will not be productive of good, when they become a separate and recognized division of the University, with a corps of managers, coaches and trainers, having the sole object of winning in inter-collegiate contests at any cost, by clean methods or foul. Athletics so conducted are apt to stamp out the manly spirit of generous rivalry which ought to characterize such contests, and be a constant incentive to coarse behavior and brutal tactics. To keep an influence so deteriorating from exerting an effect upon students, athletics are under the immediate control of the Faculty, which uniformly adheres to well-defined regulations in their management. A creditable standing in class is a requisite of eligibility to any of the University teams. Long schedules and trips which necessitate absence from class, are discouraged.

A spacious athletic field affords the students ample opportunity to enjoy the pleasure of a home ground. It meets all the requirements of College Athletics. Besides the gridiron and the ball-field, there are tennis courts and hand-ball alleys. The athletic field has recently been enlarged. A quarter mile running track encircles the field. Its situation is most convenient, as it lies within easy reach of all the divisions of the University, and the Harney and Cuming street cars pass within a block of the main entrance. The spacious new Gymnasium gives ample room for all the popular indoor sports, such as swimming, handball, bowling, basketball, etc.

DEGREES CONFERRED, 1919

MASTER OF SCIENCE IN MEDICINE

EBEN JAMES CAREY.

BACHELOR OF ARTS

EDWARD FRANCIS FOGARTY

DANIEL LEO LEARY

BACHELOR OF SCIENCE

JOHN THOMAS LITTLE

BACHELOR OF PHILOSOPHY

EMMETT FRANCIS HOCTOR

BACHELOR OF SCIENCE IN MEDICINE

ELMER LOUIS BARR

*HENRY FRANCIS BONGARDT

*WILLIAM JOSEPH BURNS

KING CHEE CHOCK

GEORGE FRANCIS CORRIGAN

AUSTIN JOSEPH HEBENSTREIT

THOMAS LEO HOULTON

HENRY AMBROSE KILDEE

*ROBERT CHARLES KIRCHMAN

*ERNEST WILLIAM LANDGRAF

*FRANK THOMAS LOVELY

EUGENE ALPHONSUS McCABE

JOHN PATRICK McDONOUGH

BERNARD EDWARD McGOVERN

JOHN EDWARD MANNION

JOSEPH FRANCIS MALLOY

KARL JOSEPH MAY

PHILLIP FLOYD NEWMAN

*JAMES JOSEPH O'CONNOR

GERALD DEAN TIPTON

UNIVERSITY FIRST GRADE STATE TEACHERS' CERTIFICATE

EMMETT FRANCIS HOCTOR

DANIEL LEO LEARY

*Conferred on March 15th, 1919.

IN THE NEBRASKA STATE ORATORICAL CONTEST

FIRST PLACE WAS WON BY
THOMAS J. McGOVERN, '21.

IN THE INTERSTATE ORATORICAL CONTEST

(The representatives of seven states participating)
SECOND PLACE WAS WON BY
THOMAS J. McGOVERN, '21

IN THE INTERCOLLEGIATE ENGLISH CONTEST

(The students of eleven colleges participating)
FIRST PRIZE (\$50.00) WAS WON BY
ADLAI JACK RHODES, '22.

AWARD OF MEDALS AND PRIZES

| | |
|---|---------------------|
| Senior Class Honors | Edward F. Fogarty |
| Junior Class Honors..... | Joseph H. McGroarty |
| Sophomore Class Honors, A. B. Curriculum..... | Brendan F. Brown |
| Sophomore Class Honors, B. S. Curriculum..... | Harold V. Dwyer |
| Freshman Class Honors, A. B. Curriculum..... | George F. Hennigan |
| Freshman Class Honors, B. S. Curriculum..... | K. Raymond Oberle |
| Freshman Class Honors, Prelegal Curriculum..... | G. Arthur Redding |
| Prize Essay in Evidences of Religion..... | Edward F. Fogarty |
| Schultz Prize for Debating..... | |
| | { Ralph L. Neary |
| | { Brendan F. Brown |
| Oratorical Medal | Thomas J. McGovern |
| Elocution, College Classes | Herbert A. Sohm |

ACKNOWLEDGMENTS

The President and Faculty wish to express their grateful appreciation of the kindly spirit manifested by those who are active in forwarding the interests of the University.

The Student body of the University pledged \$1,000.00 for a memorial statue to be erected on the Campus. \$900.00 has already been contributed.

DONORS OF MEDALS

| | |
|---|-----------------------|
| Right Reverend P. A. McGovern, D. D., Bishop of Cheyenne. | |
| Knights of Columbus, Omaha Council No. 652. | |
| Ancient Order of Hibernians. | |
| Reverend B. Sinne | Mr. William J. Coad |
| Reverend J. Aherne | Mr. William P. Flynn. |
| Reverend P. J. Judge | Mr. Thomas E. Gerin |
| Reverend J. W. Stenson | Mrs. C. W. Hamilton |
| Reverend P. C. Gannon. | Mr. Thomas J. McShane |
| Reverend J. F. McCarthy | Mr. J. T. Smith |
| Mr. Frank J. Burkley | |

GIFTS TO THE LIBRARY

Rev. Joseph Sasia, S. J.; *The Future Life*.
 Rev. Mother Flavia, H. N. J. M.: *Life of Mother Mary Rose*.
 Library of John A. Creighton: *Gleanings of Fifty Years; Ireland of Today*.
 Knights of Columbus: *Lummis' Spanish Pioneers*.
 Rev. S. A. Blackmore, S. J.: *Riddles of Hamlet and The Newest Answer*.
 The B. Herder Book Co.: *Story of St. Patrick's Purgatory*.
 The Carnegie Endowment: *Year Books and other vols*.
 A Friend: *The Irish at the Front*.
 Mr. and Mrs. George McNeir: *Burrows of Michigan and the Republican Party*.
 Thomas and Anna Capek: *Bohemian Bibliography*. Two vols.
 Mrs. C. W. Hamilton: Coningby Dawson's "*Out to Win*."
 Chapter Sigma Chi, Yale. *Evolution of the Earth and its Inhabitants*.
 James Finney Baxter: *The Greatest of Literary Problems*.
 Montana Historical Society. *Contributions to Montana History*.
 Seymour Eaton: *How to Do Business*.
 American Association for International Conciliation: *The Disclosures from Germany*.
 Miss Florence Gilmore: *For the Faith*.
 President of the University of Chicago: *A History of the University of Chicago*.
 League to Enforce Peace: *Proceedings of the National Convention*.
 Dodd, Mead and Co.: *Japan at First Hand*.
 Mrs. R. A. Johnston: *My Unknown Chum*.
 Open Court Publishing Co.: *Our Own Religion in Ancient Persia*.
 A Friend: *The World's Debate*.

- Mr. George H. Leppen: From Nebula to Nebula.
 Library of John A. Creighton: National Encyclopedia of American Biography.
 M. M. Guerin, R. S. C. J.: A Grain of Wheat.
 Gilbert Murray, Esq.: Faith, War and Policy.
 Willis G. Sears: Socrates, A Poem Play.
 Miss A. M. Doyle: Works of Joyce Kilmer.
 Yale University Press. The Port of Boston—The Port of Hamburg.
 R. H. McCartney: Song from a Watch Tower.
 Illinois Centennial Commission: The Era of the Civil War.
 A Friend: Poems of Janet Stuart Erskine.
 National Geographic Society. Scientific Results of The Ziegler Polar Expedition.
 Otis W. Caldwell. The Gary Public Schools.
 His Eminence Pietro Cardinal Gasparri, Pontifical Secretary of State: Autographed copy of Codex Juris Canonici.
 Rev. E. Garesche, S. J.: Children of Mary.
 O. S. Rice and B. Bergold: Organization and Management of Elementary School Libraries in Wisconsin.
 O. S. Rice: Library Lessons for High Schools.
 Messrs. Ginn and Co., H. Holt and Co., George H. Doran Co., Houghton Mifflin Co., Scott, Foresman and Co., Dodd, Mead and Co., and others, a number of vols.
 Johns Hopkins University: Catalogues and Circulars.
 University of Kansas: Catalogues and Circulars.
 The Government of the United States: Official and Scientific Publications from various departments. The Official Bulletin.
 Regents of Smithsonian Institute: Annual Reports; Contributions to Knowledge; Miscellaneous Collections, etc.
 Library of Congress: Report and other Publications.
 U. S. Commissioner of Education: Report; Pamphlets.
 Y. S. National Museum: Proceedings: Bulletins.
 Hon. Gilbert M. Hitchcock, U. S. S.: Congressional Documents, etc.
 Hon. C. O. Lobeck, M. C.: Congressional Directory; Congressional Record.
 Hon. A. W. Jefferies, M. C.: Pamphlets and Documents.
 Japan Society of America: Bulletins.
 Association of American Colleges: Bulletins.
 Harvard University: Contributions from Jefferson Physical Laboratory; Catalogues and Bulletins.
 U. S. Naval Observatory: Publications.
 U. S. Military Academy: Register and Annual Report.
 Washington Academy: Record; Bulletins.
 Prof. W. Macneile Dixon and others: War Literature.
 Sincere thanks are returned for favors received from many other Institutions, State and Municipal Departments, Universities, Colleges, Societies, Authors and Publishers.

PHYSICS DEPARTMENT

- The Students of College Physics donated their breakage deposits.
 Lyle Doran: An Ammeter and an Automatic Telephone.
 C. J. McCaffrey, '04: A Student's Set of the Principal Minerals.

ENROLLMENT IN COLLEGE OF LIBERAL ARTS AND SCIENCES, 1918-1919

Abbreviations—"A." College of Liberal Arts and Sciences.

Numbers—(1, 2, 3, 4) indicate the year of the course.

| | |
|------------------------------|---------------------------|
| Adams, William J. (A3) | Omaha |
| Anderson, Clarence R. (A1) | Fremont |
| Anthony, Arthur C. (A1) | Omaha |
| Barkmeier, Joseph (A1) | Exeter |
| Barrett, Gerald M. (A2) | Omaha |
| Barry, M. William (A2) | Omaha |
| Bartek, Julius G. (A2) | Weston |
| Beck, John Henry (A1) | Remsen, Iowa |
| Becker, H. Lawrence (A1) | Sutton |
| Beechwood, Emery E. (A2) | Coffeyville, Kansas |
| Beechwood, George E. (A1) | Coffeyville, Kansas |
| Beitenman, Milton E. (A1) | DeWitt, Iowa |
| Bentlage, George L. (A1) | Neola, Iowa |
| Bergman, Elmer O. (A3) | Kimball |
| Bierman, Aloysius H. (A2) | Andale, Kansas |
| Boland, George B. (A3) | Omaha |
| Brady, Richard R. (A1) | Omaha |
| Brannen, Gerald L. (A1) | Spalding |
| Brown, Lawrence H. (A1) | Des Moines, Iowa |
| Burkley, Harry V. (A2) | Omaha |
| Burns, Bernard C. (A2) | Manhattan, Kansas |
| Burns, Jeremiah, J. (A1) | Council Bluffs, Iowa |
| Campbell, George B. (A2) | Omaha |
| Carrig, Milton H. (A1) | Columbus |
| Charvat, Charles C. (A1) | Omaha |
| Ching, Charles M. (A2) | Honolulu, T. H. |
| Coffey, John C. (A1) | Spencer |
| Condon, Daniel I. (A2) | Adair, Iowa |
| Condon, James R. (A2) | Spokane, Washington |
| Connell, James R. (A2) | Omaha |
| Connor, Walter J. (A2) | Gretna |
| Cullerton, Thomas J. (A1) | Jackson |
| Danielson, Albert (A2) | Council Bluffs, Iowa |
| Darcy, Patrick A. (A2) | Clare, Iowa |
| Davis, James C. (A2) | Omaha |
| Delehant, Roy D. (A1) | Beatrice |
| *Dennis, James (A1) | Omaha |
| Derig, William M. (A1) | Wososo, South Dakota |
| Dolan, Marion F. (A1) | Nevada, Iowa |
| Doran, Lyle W. (A2) | Omaha |
| Dorwart, Jason D. (A1) | Friend |
| Dorwart, Thomas Y. (A2) | Friend |
| Dowling, Edward S. (A1) | Omaha |
| Downing, Harold L. (A1) | Council Bluffs, Iowa |
| Dwyer, Harold Vincent (A2) | Omaha |
| Easley, Donald J. (A2) | Dunbar |
| Ewing, Benjamin F. (A2) | Niobrara |
| Farrell, John B. (A1) | Schuyler |
| Feiler, Joseph A. (A3) | Omaha |
| Fitzgibbon, Gerald H. (A1) | Sioux City, Iowa |
| Fitzgibbon, Thomas G. (A1) | Sioux Falls, South Dakota |
| Fitzpatrick, Timothy A. (A1) | Danbury, Iowa |
| Fitzsimmons, Joseph I. (A2) | Lyons, Iowa |
| Flynn, Vincent P. (A1) | Montrose, South Dakota |
| Fogarty, Edward F. (A4) | Omaha |
| Fogarty, Hugh V. (A1) | Greeley |
| Gartland, William J. (A3) | Manchester, South Dakota |

*Died January 3, 1919.

| | |
|------------------------------|----------------------------|
| Gianelli, Salver A. (A2) | Spokane, Washington |
| Gierau, Henry J. (A1) | Wewela, South Dakota |
| Grace, Joseph M. (A1) | Colorado Springs, Colorado |
| Graff, Emil G. (A1) | Omaha |
| Guesnier, John W. (A1) | Coffeyville, Kansas |
| Gunderman, Stuart A. (A2) | Omaha |
| Hagerty, John W. (A1) | Goodhue, Minnesota |
| Hall, James G. (A1) | Lyons, Iowa |
| Hanley, Jerome O. (A2) | Coshocton, Ohio |
| Harrington, Mortimer L. (A2) | Minneapolis, Minn. |
| Harrison, Thomas Q. (A1) | Council Bluffs, Iowa |
| Hayes, Bernard C. (A1) | Omaha |
| Heafey, Cornelius P. (A1) | Omaha |
| Hennegan, George F. (A1) | Omaha |
| Hindelang, Mark G. (A2) | Omaha |
| Hockenberger, Paul H. (A1) | Columbus |
| Holt, Raymond J. (A1) | Galesburg, Illinois |
| Hovorka, Joseph J. (A1) | Dante, South Dakota |
| Hubert, Laurent A. (A2) | Salix, Iowa |
| Hughes, Enos J. (A2) | Gretna |
| Humphrey, Julius A. (A2) | Moberly, Mo. |
| Jahr, Herman M. (A1) | New York, N. Y. |
| Kargacin, Thomas J. (A1) | Anaconda, Montana |
| Kastner, Ralph H. (A3) | Council Bluffs, Iowa |
| Kastl, Raymond M. (A1) | Herman |
| Kean, Leo V. (A1) | Dawson |
| Kean, John L. (A2) | Cascade, Iowa |
| Kearney, Charles V. (A3) | Elkton, South Dakota |
| Keenan, Francis K. (A1) | Grafton |
| Kelley, Harold M. (A3) | Blair |
| Kelley, Sylvester M. (A1) | Morris, Illinois |
| Kestel, John L. (A1) | Remsen, Iowa |
| Kinsler, Thomas C. (A1) | Omaha |
| Kilbride, Edwin A. (A1) | Canby, Minnesota |
| Klemm, William J. (A1) | Exeter |
| Koehler, Charles A. (A2) | Kansas City, Missouri |
| Kuhl, Edmund J. (A1) | Defiance, Iowa |
| Lammers, Harold V. (A1) | Hartington |
| LaPorte, Emery J. (A1) | Campbell |
| Little, John T. (A4) | Cushing, Oklahoma |
| Loecker, Joseph A. (A1) | Atkinson |
| Lovely, James P. (A2) | Omaha |
| Lynch, George M. (A1) | Jamestown, Kansas |
| McCann, Neal J. (A1) | Tacoma, Washington |
| McCarthy, Ignatius J. (A1) | Omaha |
| McConville, Benedict M. (A3) | Centerville, Iowa |
| McDermott, Francis D. (A1) | Wood River |
| McDonough, Frank J. (A1) | Salida, Colorado |
| McGargill, Edward J. (A1) | Imogene, Iowa |
| McGlone, Harry F. (A1) | Shenandoah, Iowa |
| McGovern, Thomas J. (A2) | Omaha |
| McGroarty, Joseph H. (A3) | Denver, Colorado |
| McGuire, L. D. (A1) | Omaha |
| McLaughlin, Hugh J. (A1) | Caldwell, Idaho |
| McMahon, Joseph M. (A2) | Prior Lake, Minnesota |
| Manley, Donald J. (A2) | Butte, Montana |
| Manley, Marcus L. (A2) | Butte, Montana |
| Maxwell, Charles F. (A2) | Bayard, Iowa |
| Mayer, Arthur J. (A1) | Mankato, Minnesota |
| Mernaugh, Henry T. (A1) | Letcher, South Dakota |
| Malloy, Leo J. (A1) | Independence, Iowa |
| Monen, Daniel J. (A1) | Charles City, Iowa |
| Morearty, Charles B. (A1) | Omaha |
| Moskovitz, Julius M. (A1) | Missouri Valley, Iowa |
| Mullen, Clifford J. (A2) | Omaha |
| Nalty, Walter C. (A2) | Omaha |
| Neary, Ralph L. (A3) | Lead, South Dakota |
| Nelson, John (A1) | Omaha |
| Newberry, Norman M. (A1) | Alliance |
| Oberle, Raymond K. (A1) | Marshalltown, Iowa |

| | |
|----------------------------|---------------------------|
| O'Connor, Charles T. (A1) | Homer |
| O'Neill, Edward E. (A3) | Omaha |
| Pfeffer, Harry E. (A2) | Omaha |
| Pflaum, Francis J. (A1) | Cedar Rapids |
| Rater, David Leo (A2) | Ottumwa, Iowa |
| Raynor, Frederick J. (A1) | Conneaut, Ohio |
| Redding, Arthur G. (A1) | Helena, Montana |
| Reilly, John V. (A1) | Boone, Iowa |
| Rhodes, Adlai J. (A1) | Omaha |
| Roche, Harry J. (A1) | Salina, Kansas |
| Rohwer, Roland T. (A1) | Schleswig, Iowa |
| Ryan, Edwin F. (A1) | Omaha |
| Schlank, Leon R. (A1) | Blackwater, Oklahoma |
| Schrumpf, Fred W. (A1) | Omaha |
| Severin, Matthew J. (A2) | Bendena, Kansas |
| Shaw, Lawrence T. (A1) | Stuart, Iowa |
| Shea, Burke M. (A1) | Omaha |
| Shovlain, Francis E. (A2) | Tacoma, Washington |
| Smith, Eugene L. (A1) | Spencer, South Dakota |
| Sohm, Herbert A. (A1) | Quincy, Illinois |
| Spinharney, Lester J. (A2) | Cherokee, Iowa |
| Sullivan, Jeffrey G. (A1) | Waterloo, Iowa |
| Svoboda, Ralph E. (A2) | Omaha |
| Taylor, Edwin (A1) | Omaha |
| Thomas, Charles A. (A1) | Belvidere, Illinois |
| Van Arnam, William D. (A1) | Council Bluffs, Iowa |
| Wallerius, Raymond M. (A1) | Salina, Kansas |
| Ware, Austin A. (A1) | Oakland, Iowa |
| Weber, Frank N. (A2) | Kendallville, Indiana |
| Welbes, Michael A. (A2) | Bridgewater, South Dakota |
| Welch, Edward F. (A1) | Letcher, South Dakota |
| Wilson, Ralph T. (A2) | Omaha |
| Wise, Harold C. (A2) | Cleveland, Ohio |

STUDENTS' ARMY TRAINING CORPS

In accordance with a communication from the War Department, under date of August 29th, 1918, there was established at Creighton University for the academic year 1918-1919 a Students Army Training Corps. The object of the War Department in establishing units of the Students Army Training Corps was "to utilize effectively the plant, equipment and organization of the colleges for selecting and training officer candidates and technical experts for service in the existing emergency." To accomplish this purpose, the courses in most of the departments of instruction were reorganized to follow out the government program. All students inducted into the Students Army Training Corps were required to take the course in "Issues of the War." The courses prescribed by the government were given until December 12, 1918, when the Creighton University unit of the S. A. T. C. was disbanded.

The military staff assigned to the University was as follows:

| | |
|---|---------------------------|
| Allen T. Newman, Captain, Inf., U. S. A..... | Commanding Officer |
| Denver B. Brann, 1st Lieut., Inf., U. S. A..... | Second in Command |
| Ted C. Rademaker, 2d Lieut., Inf., U. S. A..... | Personnel Adjutant |
| Luther W. Marks..... | 2d Lieut., Inf., U. S. A. |
| Harold J. Howe..... | 2d Lieut., Inf., U. S. A. |
| Victor L. Hall..... | 2d Lieut., Inf., U. S. A. |
| Thomas I. Smith..... | 2d Lieut., Inf., U. S. A. |
| Earl D. Markwell..... | 2d Lieut., Inf., U. S. A. |
| George S. Hoster | 2d Lieut., Inf., U. S. A. |
| Harry N. Gardner..... | 2d Lieut., Inf., U. S. A. |
| Joseph D. Lynch | 2d Lieut., Inf., U. S. A. |
| Stanley J. Marsden..... | 2d Lieut., Inf., U. S. A. |

ENLISTED PERSONNEL IN THE COLLEGE OF LIBERAL
ARTS AND SCIENCES

Albrecht, Thomas S.
Altman, Frank G.
Anderson, Clarence R.
Baier, Joseph O.
Banks, Harold H.
Barkmeier, Joseph H.
Barrett, George M.
Barrett, Gerald M.
Bartek, Julius G.
Barry, Michael W.
Beal, Charles H.
Beechwood, Emory E.
Berigan, Francis A.
Bierman, Aloysius H.
Bills, John P.
Bloom, Carl N.
Boyle, Harold T.
Boyer, William M.
Brady, Richard R.
Brennan, John W.
Brisnehan, Robert B.
Brown, Francis B.
Brown, Lawrence H.
Brown, Leo C.
Buck, Levi B.
Burns, Bernard C.
Burns, Jeremiah J.
Carney, Francis J.
Carrig, Milton H.
Condon, Daniel I.
Connell, James R.
Costello, Phillip N.
Cullerton, Thomas J.
Curnyn, Martin P.
Dargin, David J.
Derig, William M.
Doran, Lyle W.
Dorwart, Jason D.
Dougherty, Max J.
Dowling, Edward S.
Doyle, John J.
Draper, Cecil M.
Ewing, Benjamin F.
Farrell, Bernard C.
Ficence, Emil T.
Fieler, Joseph A.
Fitzgerald, Joseph F.
Fitzgibbon, Gerald H.
Fitzpatrick, Timothy A.
Fitzsimmons, Joseph I.
Fogarty, Edward F.
Galvin, Michael J.
Garretson, Homer V.
Gartland, William J.
Gerelick, Jules L.
German, William J.
Gianelli, Salver A.
Girmann, Charles W.
Goldsmith, Michael
Grace, Joseph M.
Grief, Aloysius V.
Guesnier, John W.
Gunderman, Stuart
Hall, James G.
Hanley, Jerome O.
Hannon, Lawrence J.
Hardin, Edwin L.
Harney, Lawrence
Hayes, Charles B.
Helstrom, Elmer C.
Hennigan, George F.
Herhusky, Floyd J.
Herrod, Paul J.
Hickey, Joseph E.
Hindelang, Mark G.
Hockenberger, Paul H.
Hovorka, Joseph J.
Hughes, Joseph E.
Hughes, William A.
Jankowski, Alexander F.
Jisa, Valdimir, J.
Kargacin, Thomas J.
Kastl, Raymond M.
Kearney, Charles V.
Keenan, Francis
Kelley, Harold M.
Kelley, Joseph P.
Kennebeck, Paul A.
Kenney, Luke M.
Kestel, John L.
Kidder, Rushton G.
Kinsler, Thomas C.
Klise, James E.
Knoll, Emil A.
Lalor, Fred S.
Lammers, Harold V.
LaPorte, Emery J.
Laughlin, John F.
Lemley, Robert F.
Long, Benedict J.
Lovely, James P.
McCann, Neal Joseph
McCarthy, Ignatius J.
McCune, Glenn J.
McDonald, John F.
McDonough, Francis J.
McGroarty, Joseph H.
McGuigan, William M.
McLaughlin, Hugh J.
McMahon, Maurice J.
Maher, Michael J.
Mandelson, Ruben I.
Manley, Donald J.
Manley, Marcus L.

Mathieu, Paul J.
Mayer, Arthur J.
Mernaugh, Harry T.
Malloy, Leo J.
Morrisey, Malachy J.
Mullen, Clifford J.
Mullin, George W.
Mullin, James
Mullen, Raymond A.
Nalty, Walter C.
Neary, Ralph L.
Nelson, John A.
Northrup, James M.
Oberle, Kenneth R.
O'Keefe, Donald A.
O'Neill, Frederick C.
Quinlan, George G.
Quinn, James V.
Rater, David L.
Raynor, Fred J.
Redding, George A.
Reilly, John V.
Renze, Herman H.
Rhodes, Duplain W.
Robinson, Sidney R.
Roche, Harry J.
Rogers, George M.
Rooney, James V.
Rourke, Garrett A.
Ryan, Edwin F.

Ryan, John E.
Scheibel, Leonard L.
Schwinn, Ralph C.
Severin, Matthew J.
Shaw, Lawrence T.
Shea, Burke M.
Shockey, Richard A.
Shovlain, Francis E.
Siman, Paul F.
Skinner, Ford G.
Smith, Robert F.
Sohm, Herbert A.
Stemler, Albert C.
Stern, Benjamin
Stucker, Maurice P.
Taylor, John L.
Terry, Lawrence O.
Thomas, Charles A.
Trapp, George A.
Udick, Myron E.
VanAusdln, Francis P.
Walsh, Bernard J.
Warshowsky, Abner
Watson, Robert J.
Welbes, Michael A.
Welch, Edward F.
Whelan, Edmund D.
Wilson, Ralph T.
Wolf, Joseph C.
Wortmann, Joseph J.

UNIVERSITY ENROLLMENT 1918-1919

| | |
|--------------------------------|------|
| College of Liberal Arts | 275 |
| College of Medicine | 90 |
| College of Law | 93 |
| College of Dentistry | 121 |
| College of Pharmacy | 49 |
| High School | 382 |
| Summer Session 1918 | 233 |
| <hr/> | |
| Total..... | 1243 |

DIRECTORY

President—Rev. John F. McCormick, S. J., Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College, Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College of Medicine, Fourteenth and Davenport Streets, Omaha, Neb.

The Dean—Creighton College of Law, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Dentistry, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Pharmacy, 1410 Davenport Street, Omaha, Neb.

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THE CREIGHTON UNIVERSITY BULLETIN

VOLUME TWELVE
NUMBER EIGHT

JULY FIFTEENTH
1 9 2 0

**COLLEGE OF LIBERAL ARTS
AND SCIENCES**

ANNOUNCEMENT

1920-1921



The
Creighton University Press
OMAHA
1920

Published semi-monthly from March to June inclusive by The Creighton University, Omaha, Nebraska. Entered as Second Class matter, March 1, 1919, at the Post Office at Omaha, Nebraska, under the Act of July 16, 1894.

CALENDAR

1920

| | | | |
|-----------|-------|----------------------------|--|
| September | 9-10 | { Thursday and Friday } | Entrance Examinations. |
| September | 11-13 | { Saturday and Monday } | Registration, Classification. |
| September | 14 | Tuesday | Regular Session begins, 9:00 A. M. |
| September | 15 | Wednesday | Solemn Mass of The Holy Ghost. |
| September | 17 | Friday | The Creighton Oratorical Society organizes. |
| September | 20 | Monday | Senior Sodality organizes. |
| September | 25 | Saturday | Conditioned Examinations. |
| November | 25 | Thursday | Thanksgiving Day. Holiday |
| December | 8 | Wednesday | Feast of the Immaculate Conception. Holiday. |
| December | 10 | Friday | Preliminary Oratorical Contest. |
| December | 15 | Wednesday | Subject of Prize Essay in Evidences of Religion announced. |
| December | 17 | Friday | Christmas Recess begins, 3:00 P. M. |

1921

| | | | |
|-----------|-------|----------------------------|--|
| January | 3 | Monday | Classes resumed, 9:00 A. M. |
| January | 13 | Thursday | Annual Oratorical Contest. |
| January | 20 | Thursday | Mid-Year Examinations. |
| January | 28 | Friday | Assembly. |
| January | 29 | Saturday | Registration. |
| January | 31 | Monday | Second Semester begins. |
| February | 7 | Monday | Founders' Day. |
| February | 9 | Wednesday | Evidences of Religion Essay submitted. |
| February | 22 | Tuesday | Washington's Birthday. Holiday. |
| March | 5 | Saturday | Conditioned Examinations. |
| March | 16 | Wednesday | Intercollegiate English Contest. |
| March | 21 | Monday | Annual Retreat begins. |
| March | 24 | Thursday | Easter Recess begins. |
| March | 29 | Tuesday | Classes resumed, 9:00 A. M. |
| April | 6 | Wednesday | Latin Intercollegiate Contest. |
| April | 29 | Friday | Theses for Academic Degrees submitted. |
| May | 5 | Thursday | Creighton Oratorical Public Debate. |
| May | 6 | Friday | President's Day. |
| May | 19 | Thursday | Elocution Contest. |
| May | 27 | Friday | Flag Day. |
| May | 30 | Monday | Decoration Day. Holiday. |
| June | 4 | Saturday | University Commencement. |
| June | 7 | Tuesday | Final Examinations begin. |
| | | | Undergraduate Courses. |
| June | 15 | Wednesday | Assembly. |
| September | 8-9 | { Thursday and Friday } | Entrance Examinations. |
| September | 19-22 | { Saturday and Monday } | Registration, Classification. |
| September | 13 | Tuesday | Class Work resumed, 9:00 A. M. |

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JAMES W. VAVERKA, Secretary to the Dean.

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REV. AUGUSTINE M. EFFINGER, S. J., Professor of Political Economy.
CORBITT S. HOFFMAN, Captain, Inf., U. S. A., Professor of Military Science and Tactics.

*Resigned.

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*SERGEANT ARTHUR W. BRODERSEN, Assistant Instructor Military Science and Tactics.
*SERGEANT ERNEST E. GARDINER, Assistant Instructor Military Science and Tactics.

*Resigned.

GENERAL INFORMATION

HISTORY

Creighton College owes its origin to a well defined and often expressed intention of Edward Creighton, to establish during his life a free school for higher education. He died, however, intestate, on November 5th, 1874, before making provision for the carrying out of his project. His wife, Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to put into execution the intention so earnestly cherished by her husband. She, too, was prevented by death, before she could take final and effective measures toward realizing her plans. Her death occurred on January 23, 1876. In her last will, dated September 23, 1875, she made a bequest, which, in the settlement of the estate amounted to about \$200,000.00. One-fourth of this was devoted to grounds and a building, and the balance reserved for endowment. In accordance with the terms of her will the executors conveyed both property and securities to the Right Reverend James O'Connor.

After the incorporation of The Creighton University, Bishop O'Connor resigned his trust to the Society of Jesus, members of which have conducted the College since its inception.

Later, the benefactions of Edward and Lucretia Creighton were greatly augmented by the generosity of Count John A. Creighton, brother of Edward, and his wife, Sarah Emily Creighton, sister of Lucretia Creighton. Count John A. Creighton took a very active interest in the progress of the College, and its development and secure financial condition are due to his splendid gifts during his life time and to a princely bequest in his will. A yearly Founders' Day is celebrated in grateful memory of these noble benefactors.

SCOPE

Creighton College, a free school of Liberal Arts and Sciences, constitutes one of the eight divisions of The Creighton University. It offers four years of undergraduate instruction leading to the degree of Bachelor of Arts, Bachelor of Science, Bachelor of Philosophy. Candidates for degrees may also obtain a First Grade City State

Teachers' Certificate by completing a prescribed course in pedagogy and teaching, as outlined herein.

Creighton College is a member of the North Central Association of Colleges and Secondary Schools, and of the Association of American Colleges. The degrees of A. B., B. S. and Ph. B. are registered by the Board of Regents of the State of New York.

The College course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Science and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The College ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

SYSTEM OF EDUCATION

The system of education in use in this College is that employed in more than two hundred educational institutions now conducted by members of the Society of Jesus in nearly all parts of the civilized world. This system was drawn up in the first instance by a committee of Jesuit educators and published in 1599. It is that embodied in the publication known as the *Ratio Studiorum*. In essential features it has been followed for 300 years, but in details it has been modified to meet the varying needs of time and place.

The scope or purpose of the Jesuit system of education is not to be sought in the subjects nor in the order or succession in which the different branches are taught, but rather in the goal which is held in view in teaching the various branches. This goal is the harmonious development of the faculties of soul and body of the student. The emphasis is obviously given to the training and development of the faculties of the soul, that is, of the memory, imagination, intellect and will of the student. The aim therefore of this system is to impart what is now known as a liberal education. Hence the training given is not specialized or professional, but general, and is intended to lay the foundation for professional or specialized education. The purpose then of the method followed in Jesuit schools is to give the student an insight into the human nature which is common to himself and to his fellow

human beings, to enable him to understand the problems of life—intellectual, moral, social, political and religious.

In regard to his intellect, the purpose of Jesuit education is to open, to broaden, to correct and refine his mind, to give it power over its own faculties, to enable it to acquire the ability to express itself clearly and appropriately. In regard to his will the aim is to form the character of the student, to give him principles and an ideal which will rule the conduct of his life—in a word, to make of the student a Christian gentleman.

As a means of training the mind the Ratio Studiorum emphasizes the study of language and especially of the languages of the ancient Roman Empire and of Greece. The so-called Classical Course has held the place of honor in Jesuit schools for more than 300 years. In spite of the attacks which have been made against this course of study the Society of Jesus considers it the best and most effective method to impart mental training. This conviction, however, does not prevent the offering of other systematic courses, such as the Scientific, Preprofessional and Commercial Curricula contain which have a more direct relation with the career of the student.

In its moral training the Jesuit system does not share the opinion of those who think that knowledge of itself has a morally elevating influence. While it places much stress on the correct training of the will and inculcates natural principles which should guide the student's conduct, it holds that religion alone can adequately enlighten the mind and strengthen the will. Hence thorough instruction in the principles of religion forms an essential part of the system. Hence, too, all Catholic students are required to attend the classes in Christian Doctrine, to be present at the Chapel exercises, to make the annual retreat and to approach the Sacrament of Penance and to receive Holy Communion at least once a month.

BUILDINGS AND GROUNDS

The Main Building is a large structure of brick trimmed with limestone, having a frontage of 236 feet and a depth of 124 feet. It contains four stories and the facade is surmounted by a tower 110 feet high. The central portion of this building was the original Creighton College, built in 1877, and at present contains the parlors, a large reading room, the chemical and biological lecture rooms and laboratories, and several recitation rooms.

The South Wing was built in 1888 and extended in 1900. The library, faculty reading room, offices of President and Treasurer together with many private rooms are housed in this wing.

The North Wing was added in 1900 and contains the offices, the department of Physics, and many recitation rooms.

The General Library is located in the south wing of the main building and contains 25,000 volumes, besides Federal Government and State Publications.

The University Chapel, generally known as St. John's Church, is situated a few yards west of the main building, facing California street. It was erected in 1887; is English Gothic in architecture, and built of Warrensburg sandstone.

The Auditorium is a separate building of red brick just west of the chapel. It has a seating capacity of seven hundred and the stage is generously equipped with scenery and other appurtenances required for dramatic productions.

St. John's Hall, located on the southwest corner of 25th and California Streets, contains rooms for about ninety students. The discipline of the Hall is under the supervision of College authorities and conditions favorable to serious study are maintained.

The Astronomical Observatory is equipped with a five-inch equatorial, a three-inch transit, a chronograph, sidereal and solar clocks, a portable transit, sextants, micrometers, spectroscopes, etc., and an extensive library. Although placed near the main building of the University, and in the middle of a large city, it commands an unusually extensive sky.

The New Gymnasium was opened in 1916. It offers splendid facilities for physical exercise and recreation. The building contains a spacious exercise room 170 by 90 feet, a running track, several hand-ball and squash courts, a swimming pool 75 by 30 feet, billiard rooms, bowling alleys, club rooms, locker and shower rooms. The equipment throughout is the best, and a competent director is in charge.

The College Campus occupies a large and high tract of ground about fifteen minutes walk from the business district of Omaha. It extends from California Street on the South to Burt Street on the North and from Twenty-fourth Street on the East to Twenty-seventh Street on the West. It is reached by means of the Harney and Cross-town street car lines.

The Athletic Field is situated in the middle of the Campus and is easily accessible. The field is equipped with tennis courts, a quarter mile running track, a baseball and football field. The field is sufficiently large to serve as a Drill Ground without interfering with athletic games.

EQUIPMENT

The Department of Physics occupies the entire front of the north wing on the third floor. There is every convenience for experimenting with sunlight and with arc and incandescent lamps, with direct and alternating currents, supplied by external circuits, with compressed and rarified air, gas, water and the like. Nearby are two laboratories generously equipped with instruments and conveniences for the students' work.

The cabinet of physical apparatus is exceptionally well stocked with instruments of all kinds. Besides the ordinary physical equipment there is a triple stereopticon with every attachment, prism and grating spectrosopes, binocular microscope with ten objectives, an elaborate outfit and a large classified list of prepared objects, an electric gyroscope, a motor generator, a very large induction coil, and a display of Geissler tubes.

The Department of Chemistry is located on the second floor of the main building and is equipped with lecture room and laboratory facilities to accommodate one hundred and twenty students. Facilities for further work in Chemistry than that outlined in this bulletin are provided in the laboratories connected with the Colleges of Medicine and Pharmacy.

The Department of Biology is located on the third and second floors of the main building. There are two laboratories, one for general work and one for special research work. These laboratories are fully equipped with the latest apparatus and with compound microscopes for each student.

UNIVERSITY PUBLICATIONS

"The Creighton Chronicle" is a monthly publication of the student body of the University. Each division of the University has its representatives on the editorial staff. The purpose of the magazine is to give the students a medium and an incentive for the exercise of their literary ability. It is also intended to keep the student body and alumni in touch with student life and university activities.

"The Creighton Courier" is a four page monthly devoted to the interests of the Creighton University. It is sent out gratis to some 15,000 addresses and serves to keep the activities of the University before the public.

STUDENT EXPENSES

All bills are payable by the semester and in advance. Mid-Year Examinations, Final Examinations and Statements of Credit will not be given to students who are delinquent in the payment of any bills due to the University.

Tuition is entirely free during the eight years of High School and College courses to those who are following the regular curriculum. However, a charge of \$20.00 a year is made for tuition to those who are pursuing pre-medical courses.

A fee of \$20.00 is charged for student activities, educational and athletic. The payment of this fee entitles the student to membership in the gymnasium, to attend special lectures, athletic events, the Glee Club Concerts, Public Debates, Arts Play, to a year's subscription to the Creighton Chronicle and Creighton Courier. Every student is required to pay this fee.

| | |
|---|---------|
| Students' Activity Fee, each semester..... | \$10.00 |
| Late Registration Fee..... | 2.00 |
| Physics, Laboratory Fee, each semester..... | 5.00 |
| Breakage deposit, returnable | 3.00 |
| Chemistry, Laboratory Fee, each semester..... | 7.50 |
| Breakage deposit, returnable..... | 5.00 |
| Biology, Laboratory Fee, each semester..... | 7.50 |
| Tuition (Premedical Courses,) each semester..... | 10.00 |
| Deposit, returnable, R. O. T. C. equipment..... | 10.00 |
| Graduation Fee | 10.00 |
| Conditioned Examinations, each | 1.00 |
| Conditioned Examinations, taken on any other than the day assigned in College Calendar | 2.00 |
| A second detailed transcript of school record..... | 1.00 |

REFUNDS

The Assistant Treasurer, on recommendation of the Dean, is authorized to refund to students withdrawing from the University, the proportion of any semester's tuition and fees indicated by the following table:

| From First Class Day | Deduct Per Cent | Refund Per Cent |
|----------------------------|--------------------|--------------------|
| Until 2 weeks..... | 20 | 80 |
| Between 2 and 4 weeks..... | 40 | 60 |
| " 4 and 6 " | 60 | 40 |
| " 6 and 8 " | 80 | 20 |

No refund after eight weeks.

RESIDENCE HALLS

St. John's Hall is a dormitory intended for the accommodation of out-of-town students. It provides students with board and lodging at reasonable rates. The discipline of St. John's Hall is under the direct control of the faculty and conditions are maintained conducive to earnestness of application to school work. All out-of-town students attending the College of Liberal Arts are required either to stay at St. John's Hall, Bishop O'Connor Hall, or reside with near relatives. While the school authorities, in case St. John's Hall is filled, will assist students from a distance to find suitable homes at reasonable rates for board and room, they will not consent to act as guardians, nor in any way hold themselves responsible for the conduct of these students, when not actually under College supervision.

St. John's Hall is on California Street at Twenty-fifth Street, immediately across the street from the main building. It contains seventy single rooms and five double rooms. The rooms are heated by steam, lighted by electricity and furnished with the necessary furniture; bedsteads, mattresses, sheets, pillows, pillow slips, blankets, washstands, wardrobes, chairs and tables. Each corridor has a fully equipped toilet.

The **government** of the Hall is intended to develop in the residents habits of self restraint and of personal responsibility. The Director of the Hall is a priest belonging to the faculty who is assisted by one of the lay instructors who resides permanently with the students.

Room Reservation: Rooms are reserved in the order of application. Beginning with the school year 1921-1922, a deposit of \$10.00 must accompany the verbal or written application for a room. Rooms in St. John's Hall are mainly for students in the College of Liberal Arts and Sciences.

EXPENSES OF RESIDENCE AND BOARD

A private room can be had in St. John's Hall for \$30.00, \$35.00 or \$40.00 per half year. The difference of price is based upon the location of the rooms. Payment should be made at the beginning of each term, i. e., in September and in February.

Board in St. John's Hall is \$125.00 per semester, payable in advance. Residents in St. John's Hall who have finished the Freshman College year may board in the Hall or elsewhere as they prefer. All other residents will board in the Hall.

A deposit of \$5.00 is to be made at entrance as security against damage to the furnishings of the rooms. This deposit is returnable.

Comparative statement of the expenses of a student residing in the Dormitory for the academic year, September to June 20th.

| | Low | Average | Liberal |
|---------------------------------|----------|----------|----------|
| Tuition | \$000.00 | \$000.00 | \$000.00 |
| Books, stationery, etc. | 9.00 | 12.00 | 15.00 |
| Residence | 60.00 | 70.00 | 80.00 |
| Board | 250.00 | 250.00 | 250.00 |
| Laundry | 15.00 | 25.00 | 40.00 |
| Students' Fee | 20.00 | 20.00 | 20.00 |
| Total | \$354.00 | \$377.00 | \$435.00 |

FACILITIES FOR SELF SUPPORT

Students who find it necessary to help themselves will find opportunities to do so particularly in restaurants, private boarding houses and stores. By this means a young man may care for a large part, though not all, of his college expenses. Work which prevents a student from carrying his college studies profitably should not be taken and will not be considered as a satisfactory excuse for delinquency in any course.

CLASS HONORS

Diplomas are graded as "rite," "cum laude," "magna cum laude," "summa laude," according to scholarship. "Summa cum laude" rank is fixed at A (93%-100%), "magna cum laude" at B (85%-92%) and "cum laude" at (77%-84%). These honors are inscribed on the diplomas of the recipients, and appear in the published list of graduates in the annual catalogue.

The honors awarded at the end of the year are determined by the combined results of class-work and examinations mentioned above, each counting 50 per cent.

Those who maintain an average of A (93%-100%) throughout the year merit the distinction of First Honors. An average of B (85%-92%) entitles a student to Second Honors.

PRIZES

Inter-Collegiate English Prize. A purse of \$100.00 (\$50.00 for the first prize; \$20.00 for the second; \$15.00 for the third; \$10.00 for the fourth, and \$5.00 for the fifth), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition among the students of the Jesuit Colleges of the Missouri Province, which are:

| | |
|--------------------------------|------------------------|
| St. Louis University | St. Louis, Mo. |
| St. Xavier College | Cincinnati, O. |
| Loyola University | Chicago, Ill. |
| St. Mary's College | St. Marys, Kas. |
| The Creighton University | Omaha, Neb. |
| University of Detroit | Detroit, Mich. |
| Marquette University | Milwaukee, Wis. |
| St. Ignatius College | Cleveland, O. |
| St. John's University | Toledo, O. |
| Campion College | Prairie du Chien, Wis. |
| Rockhurst College | Kansas City, Mo. |
| Sacred Heart College | Denver, Colo. |

Inter-Collegiate Latin Prize. For the best Latin essay from competitors of the same colleges, a gold medal is offered each year by Very Rev. Francis X. McMenamy, S. J., Provincial of the Missouri Province of the Society of Jesus.

The Bishop McGovern Medal. A gold medal is offered by Right Reverend P. A. McGovern, D. D., for the best essay in Evidences of Religion.

The Knights of Columbus Philosophy Medal. A gold medal is offered by the Knights of Columbus, Omaha Council No. 652, to the student of the Senior Class who has the highest average for the Senior year in the courses in Philosophy.

The Oratorical Medal. The Omaha Division of the Ancient Order of Hibernians offers a gold medal for the best original oration delivered in the annual contest in oratory.

The Mrs. John Schultz Prize. A cash prize of \$30.00, being the interest on a \$500.00 bond, is available each year for a purpose left to the choice of the faculty. In recent years this cash prize has been assigned to the Public Debate of the Creighton Oratorical Society.

The Elocution Medal. A gold medal is offered by Thomas J. McShane each year for the best recitation in the College elocution contest.

ADMINISTRATIVE PROCEDURE

TERMS AND VACATIONS

The college year begins on the second Monday in September, and includes thirty-six weeks, which are divided into fall and spring terms, or semesters, of eighteen weeks each. There is a Christmas Recess of one week, and an Easter Recess of five days. The weekly holiday is Saturday. Classes are not held on legal holidays, nor on days observed as holydays of obligation in the Catholic Church. Commencement Day takes place during the third full week in June.

ATTENDANCE

All cases of absence and tardiness are reported daily to the Dean's office by professors and instructors.

Students not in their places at the opening of the semester must present written excuses from their parents or guardians for the delay.

Students who are not present at recitations during the twenty-four hours preceding or following the Christmas or summer recesses will be marked three absences for each recitation missed, unless permission has been previously granted by the Dean. If such absence is not adjusted within two weeks, a grade of F will be recorded for the course.

The maximum number of unexcused absences allowed a student in any course, without deduction of grade in any semester, is the same as the number of class exercises per week in that course. Absences from laboratory courses in excess of one-sixth of the total number of the semester will cancel the registration of the course.

For each additional absence in any subject up to one-tenth of the regular recitation periods for the semester, deductions are made from the final grade of the students as computed from the daily standing and final examination, as follows:

One-half per cent for four or five hour studies.

One per cent for two or three hour studies.

For each absence in excess of one-tenth of the recitations, twice the above schedule of deductions is made.

All omitted exercises must be made up within one week after the resumption of college duties, as appointed by the professor whose exercises were omitted, or they will be counted as failures in determining the student's grade.

The responsibility in these cases rests with the student.

If a student is absent either with or without excuse, from twenty

per cent or more of the exercises of a given class, in any semester, he will be required to take an extra examination which will ordinarily cover the work gone over during his absence.

Tardiness in class attendance is regarded as a partial absence, unless the matter is adjusted on request of the student at the close of the hour. Three tardy marks will be recorded as one absence. Teachers are to report to the President all students who are absent one-tenth of the recitations of a course as soon as that number shall have been reached.

DISCIPLINE

The educational system employed by the College includes, as one of its most important features, the formation of character. For this reason, the discipline, while considerate, is unflinchingly firm, especially when the good of the student body and the reputation of the institution are concerned.

While it is the policy of the Faculty to trust as much as possible to the honor of the students themselves in carrying on the government of the College, nevertheless, for the maintaining of order and discipline, without which the desired results are not attainable, regular and punctual attendance, obedience to College regulations, serious application to study and blameless conduct will be insisted upon. Any serious neglect of these essential points will render the offender liable to suspension or even to dismissal.

EXAMINATIONS

Examinations in all subjects are held at the close of each semester. Partial examinations and written recitations are held from time to time during the semester, with or without previous notice to the students, at the discretion of the instructor. The result of a semester examination, combined with the student's class work (each to count one-half) will determine his grade for the semester.

A condition [E] due to failure in a semester examination may be removed by a supplementary examination, upon recommendation of the department concerned, with the approval of the Dean of the College. The supplementary examinations are held during the first month of the succeeding semester. They may be taken only on the days specified.

A conditioned student who desires such examination must notify the department concerned one week in advance so that examination questions may be prepared. He must also notify the Dean on or before the same day so that arrangements may be made for the examination.

For each subject, a fee is charged, payable in advance at the Treasurer's office. Removal of conditions by examination shall not entitle the student to a grade higher than D.

A student may take only one examination to remove a condition. If he fails to pass the subject, in both the regular and supplementary examinations, he must repeat the entire subject in class.

Conditions may be incurred: (a) by a failure to satisfy the requirements of any course, which requirements include the recitations, tests and other assigned work as well as the examinations; (b) exclusion from an examination because of excessive class-room absences; and (c) by absence, due to any cause, on a day appointed for examination, provided the work done during the semester is below passing.

Conditioned students absent from the regular supplementary examinations must present an excuse satisfactory to the Dean or receive a grade of F for the course.

CLASSIFICATION OF STUDENTS

No student will be advanced to a higher class if he has any conditions prior to the year in which he ranks.

Those students are ranked as Sophomores who have at least twenty-four credit hours and have completed the prescribed courses of freshmen year: Juniors, those who have fifty-six credits and have completed the prescribed courses of the sophomore year; Seniors, those who have ninety-two credit hours and have completed the prescribed courses of the junior year.

No student will be considered a candidate for graduation if he has any deficiency at the beginning of the second semester of the Senior year.

REPORTS

Reports containing a record of the class standing, the attendance and deportment are sent after each examination to parents or guardians. Reports are also sent after the first and third quarters about November 20th and April 20th. Special reports are made at other times when it is deemed advisable, or upon special request. The semester reports are mailed not later than February 10th, and July 1st. The Dean should be notified if the reports are not received in due time.

QUALITY OF WORK

GRADES

A student's grade of scholarship in each of his subjects is determined by the combined results of examinations and class work.

ABOVE PASSING

- A 93—100, Excellent
- B 85— 92, Good
- C 77— 84, Fair
- D 70— 76, Passed

BELOW PASSING

- E 60—69, Conditioned
- F 50—59, Failed
- I—Incomplete*
- X—Absent

These grades are not given out to the students by the professors, but are regularly issued from the office of the Dean of the College.

Any student who desires to remove an Incomplete, must first obtain from the Registrar, a blank form for presentation to the instructor in charge of the course. This blank when signed, must be filed with the Registrar within one week from the time of the semester examination. A fee of \$1.00 is charged for blanks obtained after the specified time.

TRANSCRIPT OF RECORDS

Students wishing transcripts of records in order to transfer from this College to another or for other purposes, should make early and seasonable application for the same. No such statements will be made out during the busy periods of examination and registration, September 1st to 15th, January 15th to February 1st and June 15th to July 1st.

STUDENT ADVISERS

Students are assigned to general advisers in the second semester of the Freshman year. The adviser must be retained throughout the student's course, unless special permission is obtained to change. The student's general electives must be selected under the direction of the general adviser, whose signature must appear on the registration card. In the Junior and Senior years the students must first secure the signature of the head of the department in which he is doing his major work, and second, the signature of the general adviser. During the time of registration the advisers keep office hours. The Dean of the College is chairman of the Board of Advisers, and is temporarily general adviser for all Freshmen and all new students admitted with advanced standing.

*A student may be reported Incomplete, if some small portion of his work remains unfinished, providing his standing in the course has been of grade C or higher. To secure credit, this work must be completed within one month after the beginning of the following semester; otherwise the course will be recorded as of grade E.

ADMISSION

REGISTRATION

New students must make application for admission to the Dean. A student will not be registered without official entrance records. Students entering from other colleges should first see the Chairman of the Committee on Advanced Standing.

Former students in good standing, after having paid their fees, will proceed to the Dean to arrange their schedule for the semester.

TESTIMONIALS AND CREDENTIALS

All applicants for admission to the College must present satisfactory testimonials of good moral character. A student entering from another college or institution of collegiate rank, must furnish from such institution a certificate of honorable dismissal before his credentials for scholarship will be examined by the Entrance Board.

ENTRANCE REQUIREMENTS

Candidates for admission to Freshman year must present entrance credits amounting to fifteen units representing four years of high school work. A unit is a series of recitations or exercises in a given subject pursued continuously throughout the school year. The number of class exercises required in a week for each unit shall, in general, be five. Double periods are required for laboratory courses.

Not less than a full unit will be accepted in the first year of any language. Half-units will be accepted, but only when presented in addition to integral units in the same subject, or in half-year subjects which constitute a complete course in themselves, e. g. Solid Geometry. Any two of the biological sciences (Physiology, Botany, Zoology) may be combined into a continuous year's course equal to one unit.

I. PRESCRIBED ENTRANCE REQUIREMENTS

(A) FOR THE A. B. DEGREE

| | | | |
|-----------------------|---------|-------------------|--------|
| English | 3 units | History | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| *Latin | 4 units | | |

*Students presenting full fifteen units without the prescribed four units in Latin or without the prescribed two units in foreign language will be given an opportunity to make up these requirements during the first two years at college.

(B) FOR THE B. S. DEGREE

| | | | |
|---------------------------|-----------|-------------------|--------|
| English | 3 units | History | 1 unit |
| †Mathematics | 2.5 units | Science | 1 unit |
| *Foreign Language | 2 units | | |

(C) FOR THE PH. B. DEGREE

| | | | |
|----------------------------|---------|-------------------|--------|
| English | 3 units | History | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| Foreign Language | 2 units | | |

II. ELECTIVES

The remaining four or five and one-half units may be selected from any subjects counted towards graduation in any accredited or recognized high school, with the following restrictions:

(a) No subject may be presented for less than a half unit of credit, as explained above.

(b) Not more than one unit will be accepted in any vocational subject counted toward graduation in an accredited or recognized high school.

(c) Vocal music and physical training will not be recognized for credit.

CONDITIONS

A condition of not more than one unit may be allowed to a candidate ranking above the lowest quarter of his high school class; but no condition is allowed in the prescribed English, Algebra or Geometry.

(a) This remaining unit may represent work not offered at entrance, and is in that case a real deficiency. Such students are considered as deficient students and must remove this deficiency during their first year of residence.

(b) Students offering the required number of units may fall slightly below the passing grade in one unit of work. Such students are considered as conditioned and must stand an examination for the removal of this condition during the Freshman year.

The work of the first year must be so arranged and so limited in amount that all conditions shall be removed and all deficiencies made good promptly. Deficient and conditioned students must, therefore, submit their course of study for approval to the Dean of the College.

*Students presenting full fifteen units without the prescribed four units in Latin or without the prescribed two units in foreign language will be given an opportunity to make up these requirements during the first two years at college.

†Candidates for the B. S. degree who present fifteen units, but only two units in Mathematics, may be admitted with the obligation of supplying the other half unit during Freshman year.

METHODS OF ADMISSION

ADMISSION BY CERTIFICATE

Admission without examination on certificate is granted to students from approved secondary schools as follows:

1. Creighton University High School.
2. Secondary schools accredited by any recognized standardizing agency.
3. Secondary schools accredited by the University of Nebraska.
4. High schools of the first grade in other states, which are so rated by the State Superintendent of Public Instruction.
5. Private schools and academies, not on any list, but approved, after investigation, by a vote of the Faculty of Creighton College.

Credentials which are accepted for admission become the property of the College and are kept permanently on file. All credentials should be filed with the Registrar. They should be mailed at least one month before the beginning of the semester, in order to secure prompt attention. Compliance with this request will save applicants much inconvenience.

Blank forms of entrance certificates, which are to be used in every case, may be had on application to the Registrar. Certificates must be made out and signed by the Principal or other recognized officer of the school and mailed by him directly to the Registrar.

No certificate will be accepted unless the holder has spent the last year of his high school course in the school issuing the certificate. A catalogue of the school, if published, describing the course of study in detail, should accompany the certificate.

It is expected that the principal will recommend not all graduates, but only those whose ability, application and scholarship are so clearly marked that the school is willing to stand sponsor for their success at college.

The certificates should fully cover the entrance requirements of the College. Admission on school certificates is in all cases provisional. If, after admission to the College, a student fails in any subject for which a school certificate was accepted, credit for that entrance subject may be canceled.

ADMISSION BY EXAMINATION

Applicants who are not entitled to enter on certificate must take the entrance examinations in the entire number of required units listed on pages 18 and 19. These examinations are held during the last week in June and the first week in September. The applicant may divide the examinations into two parts, taking as many as possible in June and the remainder in September. An examination in which the applicant has failed in June may be taken again in September.

ADMISSION TO ADVANCED STANDING

College credit for work done in a secondary school in excess of the requirements for admission can be given only on examination provided through the Dean's office, and on the basis of four semester hours of credit for one unit of high school work.

Candidates for admission from other institutions of college rank, which offer the same or equal courses of study as those at Creighton College, will be granted the same standing as at the former institution upon presenting in advance of registration:

1. A certificate of honorable dismissal.
2. An official transcript of college credits, with specifications of courses and year when taken, hours and grades.
3. An official certified statement of entrance credits and conditions, showing the length of each course in weeks, the number of recitations and laboratory exercises each week, the length of recitation and the mark secured.
4. A marked copy of the catalogue of the college previously attended, indicating the courses for which credit is desired.

No student will be admitted to the College as a candidate for a degree after the beginning of the first semester of the Senior year.

SPECIAL STUDENTS

Mature and earnest students who are either lacking in the required entrance units or who wish to pursue particular studies without reference to graduation, may be admitted with the permission of the Dean, to such courses of their own choice as they seem qualified to undertake.

The work thus done by special students cannot be counted later on toward a degree at Creighton College unless all entrance requirements have been satisfied.

SCOPE OF PREPARATORY WORK

The following descriptive outline indicates the amount of preparation expected in each of the subjects named.

LATIN

a. Grammar and Composition. The examination in grammar and composition will require a thorough knowledge of the entire Latin grammar together with such facility in writing Latin prose as is required by one who satisfactorily completes the course of exercises prescribed by The Creighton University High School. This course is based on Bennett's New Latin Composition.

b. Reading. Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's orations against Catiline and for Archias and the Manilian Law. Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations. Three units.

GREEK

a. Grammar and Composition. The examination in grammar will require a thorough knowledge of etymology, of the syntax of cases, the rules of concord and prepositions. Composition will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences with special reference to the use of the forms, particularly of the irregular verb, and the common rules of syntax.

b. Reading. Xenophon's Anabasis, two books, or their equivalent. Two units.

ENGLISH*

a. Rhetoric and Composition

The applicant should be familiar with the principles of Rhetoric as set forth in Brooks', Scott-Denney or an equivalent. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show discrimination in the choice of words and ability to construct well ordered paragraphs.

b. Literature

a. For Reading. Cooper, The Spy, The Last of the Mohicans; Stevenson, Treasure Island; Poe, Poems and Tales; Scott, The Talisman; Longfellow, Tales of a Wayside Inn; DeQuincey, Flight of a

*The Uniform College Entrance Requirements in English for 1917 will be accepted, as will any fair equivalent work in this department.

Tartar Tribe; Eliot, *Silas Marner*; Shakespeare, *Julius Caesar*; Pope, *Essay on Criticism*; Tennyson, *Idylls of the King*.

b. For Study. Dickens, *Christmas Stories*; Irving, *Sketch Book*; Hawthorne, *Twice-Told Tales*; Scott, *Ivanhoe*; Whittier, *Snowbound*, and other poems; Sir Roger de Coverly Papers; Washington Farewell Address; Webster, *Bunker Hill Oration*; Dickens, *David Copperfield*; Lowell, *Vision of Sir Launfal*, and other poems; Lamb, *Essays of Elia*; Macaulay, *Essay on Johnson*; Garraghan, *Prose Types in Newman*; Newman, *Dream of Gerontius*; Shakespeare, *Merchant of Venice*.

A knowledge of the subject matter and form of each work with an explanation of the principal allusions will be required, together with the literary qualities, so far as they illustrate rhetorical principles, a biographical outline of the authors and an account of their works.

Three units.

FRENCH*

1. The first year's work should include careful drill in pronunciation and in the rudiments of grammar, abundant easy exercises designed to fix in mind the principles of grammar, the reading of 100 to 175 pages of graduated text, with constant practice in translating easy variations of the sentences read, and the writing of French from dictation.

One unit.

2. The second year's work should comprise the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches, constant practice in translating into French easy variations upon the text read, frequent abstracts—sometimes oral and sometimes written—of portions of the text already read, writing French from dictation, and continued grammatical drill, with constant application in the construction of sentences.

One unit.

3. Advanced courses in French should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form, constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read, the study of a grammar of moderate completeness, and the writing from dictation.

GERMAN†

1. The first year's work should comprise careful drill in pronunciation; memorizing of easy, colloquial sentences; drill upon the

*The admission requirements in French are those recommended by the Modern Language Association of America.

†The Admission requirements in German are those recommended by the Modern Language Association of America.

rudiments of grammar; easy exercises, designed not only to fix in the mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; the reading of from 55 to 100 pages of text; constant practice in translating into German easy variations upon sentences selected from the reading lessons and in reproducing from memory sentences previously read. One unit

2. The second year's work should comprise the reading of 150 to 200 pages of literature in the form of easy stories and plays, practice in translating into German the substance of short and easy, selected passages, and continued drill upon the rudiments of grammar. One unit.

3. Advanced work should include, in addition to the two courses above, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, abstracts, paraphrases, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the more technical points of language. One unit

HISTORY

The candidate will be expected to show on examination such general knowledge of each field as may be acquired by the study of an accurate text-book of not less than three hundred pages. The examination will call for comparison of historical characters, periods and events, and, in general, for the exercise of judgment as well as of memory.

1. **Ancient History.** Comprising Oriental and Greek History to the death of Alexander, and Roman History to 800 A. D., with due reference to Greek and Roman life, literature and art. One unit.

2. **Mediaeval and Modern History.** From the death of Charlemagne to the present time. One unit.

3. **English History.** With due reference to social and political development. One-half or one unit.

4. **American History.** With special stress upon the national period, and Civil Government. One unit.

MATHEMATICS

Elementary Algebra and Plane Geometry are required for admission to all courses; the other subjects are optional, unless otherwise indicated above.

1. Elementary Algebra. Algebra through Quadratics. The points to be emphasized are: rapidity and accuracy in performing the four fundamental operations, factoring and its use in finding the greatest common factor and the lowest common multiple, radicals, the solution of linear equations containing one or more unknowns, the solution of quadratic equations, and the statement and solution of problems.
One unit.

2. Plane Geometry. The unusual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subject of loci. It is desirable that a short course in practical Geometry should precede the study of formal Geometry.
One unit.

3. Solid Geometry. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subjects of loci.
One-half unit.

4. Intermediate Algebra. Theory of quadratic equations, remainder theorems, radicals with equations involving them, imaginary and complex numbers, ratio and proportion, variation, arithmetic and geometric progressions and graphs.
One-half unit.

5. Trigonometry. Plane Trigonometry as presented in the best modern text-books. Especial attention should be paid to accuracy, neatness, and the proper arrangement of the work.
One-half unit.

NATURAL SCIENCES

Physics. One year's daily work in Physics, of which one-third should be laboratory work. The student should possess a thorough knowledge of the elementary principles of mechanics, heat, light sound, electricity and magnetism, as presented in such text-books as Millikan and Gale or Carhart and Chute. Note-books on the work done in the laboratory, certified by the instructor, must be presented at the time of entrance.
One unit.

Chemistry. One year's daily work in Chemistry, of which one-third should be laboratory work. The student should possess a thorough knowledge of the general laws and theories of chemistry and should be familiar with the occurrence, preparation and properties of the common elements and their compounds as presented in such text-books as McPherson and Henderson, Storer and Lindsey or Remsen. Note-books on the work done in the laboratory, certified by the instructor, must be presented at the time of entrance. One unit.

Zoology. One year's daily work in Zoology as presented in the text-books of Linville and Kelly, Jordan or Kellogg, with work in the laboratory and the field. A note-book on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. One unit.

Botany. One year's daily work in Botany as presented in Bergen, Atkinson or Coulter. A note-book, certified by the instructor, describing the work done in the laboratory and the field, must be presented at the time of entrance. One unit.

General Biology. A combined course in Botany and Zoology, extending throughout the year, as presented in Hunter's Essentials of Biology or an equivalent text. A note-book on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. One unit.

Physical Geography. One year's daily work in Physical Geography as treated in the text-books of Tarr, Davis or Dryer, with training the laboratory and the field. Note-books on the work in the laboratory and the field, certified by the instructor, must be presented at the time of entrance. One unit.

DEGREES

BACHELORS' DEGREES

The following degrees are conferred:

- A. B., Bachelor of Arts;
- B. S., Bachelor of Science;
- Ph. B., Bachelor of Philosophy.
- B. S. in Med., Bachelor of Science in Medicine.

The A. B. degree is conferred if the candidate's curriculum has included two years of college Latin.

The B. S. degree is conferred on one who has concentrated his studies, particularly during the last two years of college, on Science or Mathematics. The degree of B. S. in Medicine is conferred upon the completion of two years of Medicine, provided, of course, that the student before entering the Medical School has completed two years of college work.

The Ph. B. degree is conferred on candidates whose chief work has been in one or two of the following departments: Philosophy, History, English Literature, Economics, Political Science, Education, Sociology.

No degree, with the exception of that of Doctor of Laws (LL. D.), is given "honoris causa."

REQUIREMENTS FOR THE BACCALAUREATE DEGREES

The conditions for the Baccalaureate degrees are the following:

1. The satisfactory completion of the four years' course leading to the degree for which the student is a candidate.
2. A written thesis approved by the Dean of the College and presented on or before April 15th of the year in which the degree is expected to be conferred.
3. All work in order to be accepted in fulfillment of any requirement for the degree must be completed with grade D (70—76) or over, and three-quarters of the work must be of grade C (77—84) or above.
4. A fee of ten dollars payable in advance.

REQUIREMENTS FOR GRADUATION

AMOUNT OF WORK

In order to receive a degree, a student is required to complete 128 semester hours of work, three-fourths (ninety-six) hours of which must be of C grade or better.

The requirements for graduation include:

1. A certain amount of prescribed work, especially in the freshman and sophomore years;
2. A major and two minors, to be taken chiefly during the junior and senior years; and
3. Free electives, which afford opportunity either for broader culture or for greater specialization as the student may choose.
4. At least the Senior year in residence, at Creighton College.

The semester hour is the unit or standard for computing the amount of a student's work. A semester hour is defined as one lecture, recitation or class exercise, one hour in length per week, for one semester. Two hours of laboratory work are equivalent to one recitation hour. Two hours of preparation on the part of the student are required for each hour of lecture or recitation.

Regular work for Freshmen is sixteen hours per week. For all other it may be from fifteen to eighteen hours. No candidates for a degree will be allowed to register for fewer than twelve hours of work.

No Freshman may register for more than sixteen hours without special permission of the faculty, and such registration is not allowed to any student in his first semester of residence.

In case of students of longer attendance, advisers may grant permission to take studies up to eighteen hours a week after the standing of the student in each study of the semester is examined and found to be B (85) or over.

Students who drop a study without permission will be marked F on the Registrar's books. If a student is permitted at his own request to drop a course after attending the class for five weeks or more, he will be given a grade of F, which will become a part of the permanent records just as if he had failed at the end of the course.

No credit will be granted any student for more than forty hours in any department, including credits earned in the freshman year, except:

- 1. When a student is writing a thesis, he may count in addition to the forty hours, the hours of the course in which he does his thesis work.
- 2. In the department of English, a student may take forty hours in addition to Rhetoric 1—2.

CHARACTER OF WORK

I. SUBJECT REQUIREMENTS

(a) PRESCRIBED SUBJECTS FOR THE A. B. DEGREE.*

| | Credit Hrs. | | Credit Hrs. |
|---------------------------|-------------|----------------------------|-------------|
| English | 12 | Mathematics | 6 |
| Latin | 16 | History | 6 |
| Modern Language | 16 | Philosophy | 16 |
| Science | 8 | Evidences of Religion..... | 8 |

(b) PRESCRIBED SUBJECTS FOR THE B. S. AND Ph. B. DEGREES

| | | | |
|---------------------------|----|---------------------------------|----|
| English | 12 | Mathematics | 6 |
| Modern Language | 16 | History | 6 |
| Science | 16 | Philosophy | 16 |
| | | Evidences of Religion | 8 |

OUTLINE OF COURSES

BACHELOR OF ARTS

FRESHMAN

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|--|-------------|--|-------------|
| Latin 1, 9 | 4 | Latin, 2, 10 | 4 |
| English, 3 | 3 | English, 4 | 3 |
| Science | 4 | Science | 4 |
| Greek, or Mathematics, 1 or 3 | 3 | Greek, or Mathematics, 2 or 4 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | 16 | | 16 |

*Students taking Greek may omit Mathematics in Freshman and postpone History or Sophomore to the Junior year.
The prescribed course in Evidences of Religion will be required only of Catholic students.

SOPHOMORE

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|----------------------------|-------------|
| Latin, 3, 11 | 4 | Latin, 4, 12 | 4 |
| History, 1, or Greek..... | 3 | History, 2, or Greek..... | 3 |
| Modern Language | 4 | Modern Language | 4 |
| English, 5 | 3 | English, 6 | 3 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

JUNIOR

| | | | |
|-------------------------------|---|-------------------------------|---|
| Logic, 1 | 3 | Modern Language | 3 |
| Psychology, 3 | 3 | Psychology, 4..... | 3 |
| Modern Language | 4 | Evidences of Religion | 1 |
| Evidences of Religion | 1 | Major and Minor Electives.... | |
| Major and Minor Electives.... | | | |

SENIOR

| | | | |
|-------------------------------|---|-------------------------------|---|
| Metaphysics, 6 | 3 | Ethics, 7 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Major and Minor Electives.... | | Major and Minor Electives.... | |

BACHELOR OF SCIENCE

FRESHMAN

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|----------------------------|-------------|-----------------------------|-------------|
| English, 3 | 3 | English, 4..... | 3 |
| Mathematics, 1 or 3..... | 3 | Mathematics, 2 or 4..... | 3 |
| Modern Language | 4 | Modern Language | 4 |
| Science | 4 | Science | 4 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

SOPHOMORE

| | | | |
|----------------------------|----------|-----------------------------|----------|
| Modern Language | 4 | Modern Language | 4 |
| Science | 4 | Science | 4 |
| History, 1 | 3 | History, 2 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| Elective | | Elective | 3 |
| | <hr/> 16 | | <hr/> 16 |

JUNIOR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-------------------------------|-------------|-------------------------------|-------------|
| Logic, 1 | 4 | Psychology, 4 | 3 |
| Psychology, 3 | 3 | English, 6 | 3 |
| English, 5 | 3 | Evidences of Religion..... | 1 |
| Evidences of Religion..... | 1 | Major and Minor Electives.... | |
| Major and Minor Electives.... | | | |

SENIOR

| | | | |
|-------------------------------|---|------------------------------|---|
| Metaphysics, 6 | 3 | Ethics, 7 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion..... | 1 |
| Major and Minor Electives.... | | Major and Minor Electives... | |

Candidates for graduation must attend any course of lectures, or any other exercises that have been or may be authorized and equipped by the faculty, even though such courses receive no value in credits.

GROUP REQUIREMENTS

A candidate for a bachelor's degree must complete a major in at least one department, and a minor in each of two other departments.

(a) One of which is correlated to the major,

(b) The other, a free or unrestricted minor, to be chosen from another group.

The various subjects of instruction are divided into three groups as follows:

| Group I | Group II | Group III |
|-----------------|-------------------|-------------|
| English | Economics | Astronomy |
| French | Education | Biology |
| German | History | Chemistry |
| Greek | Philosophy | Mathematics |
| Latin | Political Science | Physics |
| Public Speaking | | |
| Spanish | | |

N. B.—For the degree of Bachelor of Arts the Major study must be selected from Group I or Group II. For the degree of Bachelor of Science the Major study must be selected from Group III. For the degree of Bachelor of Philosophy the Major study must be selected from Group II.

MAJOR

Each student before the end of the sophomore year must elect courses from some one department, to be known as his major, which must comprise not less than eighteen semester hours.

A major may be changed only by the consent of the Dean and of the heads of the departments concerned, and such change will be permitted only upon the distinct understanding that all the courses prescribed in the major finally chosen shall be completed before graduation.

MINOR

A minor consists of not less than twelve hours in one department. The correlated minor must be chosen from the same group as the major; the unrestricted minor may be chosen from either of the remaining groups.

ELECTIVES

Courses not taken (a) as prescribed courses and (b) not included in the student's major and minor sequences may be chosen as free electives to complete the 128 credits required for graduations.

In the choice of electives, each student must be guided by his prospective future work. He must ascertain, moreover, that such courses are open to his class; that he has fulfilled the prerequisites, and that there will be no conflict in the schedule of recitations or laboratory periods.

First year courses in a foreign language will not be accepted for credit towards a degree unless followed by a second year course in the same language.

Elections for the second term must be filed by members of the upper classes with the Dean on or before January 15th, and for the first term on or before May 15th.

REFERENCE STUDY AND RESEARCH

1. Students taking courses in Philosophy shall prepare and submit each month a paper of 2,000 words dealing with the development of some specific topic of the subject matter treated in class.

2. Students taking courses in History and Social Sciences will be required to hand in two papers each semester. These papers are to contain not less than 1,800 words; and at least one of the four papers thus submitted during the year should give unmistakable signs of original research, preferably in some local Catholic subject.

3. All such and other prescribed written assignments will be held to strictly as pre-requirements for graduation, for the fulfillment of which no student will be allowed any extension of time beyond the 15th of April of his Senior Year.

All applicants for a degree should file their application and present all their credits on or before the 15th of April.

BACHELOR OF SCIENCE IN MEDICINE

CURRICULUM PREPARATORY TO MEDICINE

Since the leaders in medical education advise a four-year college education for students preparing to study medicine such students are urged to take one of the regular degree courses outlined above. All standard medical schools now require as a minimum two years of college work in addition to a four-year course in an approved high school. The College of Medicine of Creighton University requires at least two years (sixty semester hours) of college work for admission. In the premedical curriculum the following subjects are required:

| | |
|---|------------------|
| Chemistry, General Inorganic..... | 8 semester hours |
| Chemistry, Advanced | 4 semester hours |
| Biology | 8 semester hours |
| Physics | 8 semester hours |
| English Composition and Literature..... | 6 semester hours |

The schedule of subjects followed by premedical students at Creighton College of Liberal Arts and Sciences is as follows:

FRESHMAN YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|---|-------------|---|-------------|
| Chemistry, 1 | 4 | Chemistry, 2 | 4 |
| Philosophy, 21 | 4 | Philosophy, 22 | 4 |
| English, 1 | 3 | English, 2 | 3 |
| Mathematics or Modern Language | 4 | Mathematics or Modern Language | 4 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |

SOPHOMORE YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|----------------------------|-------------|
| Chemistry, 3 or 4 | 4 | Chemistry, 7 | 4 |
| Biology, 1 | 4 | Biology, 2 | 4 |
| Physics, 1 | 4 | Physics, 2 | 4 |
| Foreign Language | 4 | Foreign Language | 4 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |

The successful completion of the course outlined above and of the courses prescribed in the Freshman and Sophomore years of the Medical Department entitles the student to the degree of Bachelor of Science in Medicine. This degree is conferred after the Sophomore year of the medical curriculum is completed.

PRELEGAL CURRICULA

On account of the higher requirements now obtaining in the law colleges of the United States, prelegal curricula have been arranged for those looking forward to the law as a profession. The Law School of The Creighton University requires at least one year of collegiate training (30 semester hours) for admission to its courses and urges that three or four years be taken in a College of Liberal Arts in preparation for law studies. Hence two kinds of programs are here given: one for students who wish to spend one or two years in preparatory work, NOT AS CANDIDATES FOR A DEGREE, but solely to equip themselves for law studies; the other for students who enter as candidates for an academic degree, (A. B., B. S., Ph. B.) but expect afterwards to pursue a law curriculum.

I. PRELEGAL STUDENTS, NOT CANDIDATES FOR AN ACADEMIC DEGREE

ONE YEAR CURRICULUM

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-------------------------------|-------------|-------------------------------|-------------|
| English, 1 | 3 | English, 2 | 3 |
| Philosophy, 21 | 4 | Philosophy, 22 | 4 |
| Foreign Language | 4 | Foreign Language | 4 |
| History or Social Science.... | 3 | History or Social Science.... | 3 |
| Public Speaking | 1 | Public Speaking | 1 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |

TWO YEAR CURRICULUM

First (Freshman) year as outlined above.

Second (Sophomore) year:

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|--------------------------------|-------------|-------------------------------|-------------|
| English | 3 | English | 3 |
| Philosophy | 3 | Philosophy | 3 |
| Foreign Language..... | 4 | Foreign Language | 4 |
| History or Social Science | 3 | History or Social Science.... | 3 |
| Public Speaking | 1 | Public Speaking | 1 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |

II. PRELEGAL STUDENTS WHO ARE CANDIDATES FOR ACADEMIC DEGREES

THREE YEAR CURRICULUM

When the prelegal student has chosen the degree for which he wishes to be a candidate, his program of studies will be so arranged that within three years he will be able to complete the subjects required

for his prospective degree. The elective subjects may be chosen from the courses offered at the Law School.

FOUR YEAR CURRICULUM

Candidates intending to spend four years in academic work will have their program of studies made up from the schedules given above for their various academic degrees, the program of studies differing according to the degree the student has in view.

TRAINING OF TEACHERS

The First Grade State Teachers' Certificate is granted to graduates of the College who have satisfactorily completed this special course as outlined below, in virtue of the recognition of The Creighton University by the State Superintendent of Public Instruction "as an institution duly incorporated under the laws of the State of Nebraska, and having an equivalent of the courses in the University of Nebraska for the degrees of Bachelor of Arts and Bachelor of Science. It is therefore authorized to issue certificates to such graduates as have completed the course of special training and instruction of teachers, said course being an equivalent of the course prescribed by the regents and faculty of the University of Nebraska for the special training and instruction of teachers, and such graduates shall be accredited as qualified teachers within the meaning of the school laws of the State, having equal privilege upon equal conditions with graduates from any and all other educational institutions within the state under the school laws thereof." This certificate qualifies the holder to teach in any school in Nebraska and is valid in several other states.

Requirements: First. General knowledge. The candidate must fulfill the conditions required for a Bachelor's degree.

Second. Special knowledge. The completion of work amounting to at least forty hours divided between two or three subjects which the student expects to teach, the ultimate decision as to the student's proficiency resting with the Professors concerned.

Third. Professional knowledge. The completion of 15 semester hours in Education, of which at least three hours must be in Psychology. The required courses are 1, 4, 11 and 12.

DEPARTMENTS AND COURSES

1. As a rule, odd numbers indicate first semester courses; even numbers second semester courses.

2. In all (a) beginning and (b) year courses both semesters must be completed for credit toward a degree.

3. The Faculty reserves the right to refuse to offer a course listed below for which there is not a sufficient number of applicants.

ASTRONOMY

1. Descriptive Astronomy. Fundamental astronomical facts and principles; astronomical co-ordinates: the celestial sphere. Astronomical instruments. The sun, moon and eclipses. The planets, comets, meteors. Constellations, clusters and nebulae. Three hours credit.

2. Spherical and Practical Astronomy. The theory and use of astronomical instruments, such as the sextant, transit, altazimuth, equatorial, position micrometer, spectroscope, etc. Computation of eclipses, construction of eclipse maps. Introduction to celestial mechanics. Orbits of planets and satellites. Three hours credit.

BIOLOGY

1. Introductory Zoology. An introduction to the elements of general morphology and physiology. Studies are made of a graded series of invertebrate types illustrating the increase of complexity of form as correlated with division of function. More detailed examination is made of those groups which include many parasitic forms. Two lectures, one quiz hour, and four laboratory hours per week. First semester. Four hours credit.

2. Comparative Anatomy of the Vertebrates. An intensive study of type forms. The value of the structure studied as basal elements of vertebrate anatomy and the principles of homology in the various groups are elaborated in the lectures. Two lectures, one quiz, and four laboratory hours per week. Second semester. Four hours credit.

3. Embryology (General). Maturation, fertilization, cleavage in various typical forms. Gastrulation and embryo formation in the Chordates. Acrania, Pisces, Amphibia, and Aves are studied and compared with some care. Two lectures, one quiz, and four laboratory hours per week. First semester. Prerequisite, Zoology 1 and 2 or equivalent. Four hours credit.

4. Embryology (Organogeny.) A continuation of Course 3. A study of the development of systems based on laboratory work on the chick and pig. Two lectures, one quiz, four laboratory hours per week. Second semester. Prerequisite, Courses 1, 2, 3, or their equivalent. Four hours credit.

CHEMISTRY

1-2. General and Inorganic Chemistry. A course of experimental lectures and problems combined with laboratory work. The laboratory work of the second semester includes a brief course in

qualitative analysis. 1a, 2a. Lectures 2 hours a week. Both semesters.
1b, 2b. Laboratory 4 hours a week. Both semesters.

Eight hours credit.

3. Qualitative Analysis. Six hours a week. One semester. Pre-requisite: Course 1-2.

Three hours credit.

4. Quantitative Analysis. Lectures and laboratory work. 8 hours a week. One semester. Prerequisite: Courses 1-2 and 3.

Four hours credit.

5-6. A Combined Course in Inorganic Chemistry and Analytic Chemistry. Covers compendiously and necessarily with less thoroughness the essential matter of Courses 1-2, 3 and 4. For those who are not taking Chemistry as their major.

5a-6a. Lectures 2 hours a week. Both semesters.

5b-6b. Laboratory 4 hours a week. Both semesters. The second semester of laboratory is devoted to analytical work, qualitative and quantitative.

Eight hours credit.

7. Organic Chemistry. Prerequisite, Courses 1-2 and 3 or 4.

7a. Lectures 2 hours a week. One semester.

7b. Laboratory 4 hours a week. One semester. Four hours credit.

9-10. Physical Chemistry. 9a-10a. Lectures 2 hours a week dealing with the general principles of the subject, with the properties of matter and its phase and energy relations. Two semesters.

9b-10b. Laboratory 4 hours a week. Measurement of densities of gases and liquids, of boiling points and freezing points; practice with spectrometer, polarimeter, refractometer and various physico-chemical apparatus. Prerequisite: Physics, Courses 1, and Chemistry, Course 1. Two semesters.

Eight hours credit.

ECONOMICS

1. Principles of Economics. The economic principles involved in the production, exchange, distribution and consumption of wealth. Study of textbook supplemented by lectures, discussions and assigned readings.

Three hours credit.

2. Economic History of the United States. The development of agriculture, commerce and manufacturing industry from Colonial times to the present day. Study of textbook with assigned readings on special topics.

Three hours credit.

3. Money and Banking. The study of the nature and functions of money; monetary systems and standards; the principles of commercial banking. Three (or two) hours a week.

Three (or two) hours credit.

4. The Distribution of Wealth. A more advanced treatment of the problems arising out of the distribution of wealth. Theories concerning rent, profits, interest and wages, Discussion of proposed remedies for inequality of distribution: Single tax, government ownership, profit-sharing, co-operative enterprise, etc.

Three hours credit.

5. Law and Public Welfare. A study of legislative measures dealing with the protection of life and health in industry: employment of women and children, regulations of hours of labor, minimum wages, the relief and prevention of poverty.

Two hours credit.

6. Industrial Organizations. A study of the development of modern industry along the lines of large-scale production and corporate organization. Prerequisite: Economics 1, Two hours credit.

20-21. Elementary Accounting. Two hours a week throughout the year. Four hours credit.

These courses are not open to Freshmen (except to Freshmen in the Department of Commerce).

EDUCATION

1. Philosophy of Education. The principles underlying all Christian education, and the relative values of different educational agencies and curricula when tested by these principles. Lectures, discussions, required reading and reports. Three hours credit.

2-3. General Psychology. (Philosophy 3-4.) Beginning with an explanation of the cerebro-spinal nervous system, this course leads on to the study of the phenomena of sensuous and rational life, and then treats of the origin, nature and destiny of the human soul, and the union of soul and body. Must accompany or precede Course 7. Required of Juniors. Three hours credit.

4. Educational Psychology. A study of established psychological processes and procedure; prevalent errors in psychology and their influence on recent and contemporary educational theory and practice; physical growth and mental development; the psychology of adolescence; instinct, heredity and individuality; attention, interest, appreciation, association, memory and habit, and their application to the problems of education and the class room. Courses 5-6 prerequisite and essential. Three hours credit.

5. History of Ancient and Mediaeval Education. The development of educational ideals, systems, institutions and methods of early times, through Jewish, Greek, Roman and early Christian civilization, down to the Renaissance. Two hours credit.

6. History of Modern Education. The Renaissance and humanistic studies; effects of the Reformation; Catholic reaction; the Jesuits and higher education, a survey of systems, movements and tendencies in educational ideals and methods during the sixteenth, seventeenth, eighteenth and nineteenth centuries; recent and contemporary educational thought and tendencies in England, France and Germany, and especially in the United States. Lectures, readings and investigations of special problems.

7. History of Education. A brief survey of educational theory, institutions and practice during ancient and modern times with special emphasis on the more recent educational movements of Europe and America. Three hours credit.

8. School Management. The meaning and aim of the educative process and the function of this aim in class-room organization and control; motivation of school work; routine procedure; gradings and promoting; the real function and character of the curriculum: assignments, study and recitations; the effective measurements of school processes and products; the influence of personality upon the professional effectiveness of the teacher; professional ethics. Three hours credit.

9. High School Administration. An investigation of the problems, aim, organization and procedure in the administration and supervision of secondary schools, public and private; the relationship of superintendent, principal, teachers, parents and pupils; certification of teachers, rating of teachers and teaching efficiency; school surveys, standardizing agencies, processes and progress; school construction, equipment and control. Three hours credit.

10. Principles of Secondary Education. The development of secondary education in America and in other countries; its relation to elementary and higher education; program of studies, criteria of subject values; history, purposes, organization and methods of the Junior high school; vocational and industrial education; organization and reconstruction of curricula with reference to the various needs of typical communities and present day life; textbooks and apparatus; the psychology of high school subjects. Three hours credit.

11. Observation of Expert Teaching. A systematic observation of classes taught in Creighton University High School and a written report of such observations as outlined by the head of the department. One hour credit.

12. Practical Work in Teaching. During the second semester each student will prepare thirty recitations and teach them in Creighton University High School under the supervision of a critic teacher. Two hours credit.

ENGLISH

1. Rhetoric and Composition. A course in the essentials of Rhetoric and in the various modes of composition. Required of Freshmen who are deficient in the theory or practice of correct English. Three hours credit.

2. Advanced Rhetoric. A systematic course based on textbooks, in the theory of rhetoric, the study of style, and the requisites of the various species of writing. Required of Freshmen, as in Course 1. Three hours credit.

3. Poetry. Theories of English prosody: Saintsbury, Patmore, Lanier, Bridges, Hopkins. The part played by Latin Christian hymns in determining the metrical principle of modern languages. Italian influences in Elizabethan and Caroline verse. French influences in Restoration verse. The influence of Mallory and of the ballads on late poetry. The Romantic revival: Wordsworth and Coleridge. The Pre-Raphaelites. The Catholic revival: Patmore, Francis Thompson and others; contemporary Catholic poets. The poetry of the twentieth century. Free verse. Three hours credit.

4. The Short Story. The theory and technique of the short story; its development and various kinds. Reading and appreciation of short stories, and composition in the form. Three hours credit.

5. The English Novel. The principal purpose of this course is to study the technique of the novel and the various schools of fiction and their tendencies, with special attention to their ethical and literary value. The historical development will be briefly surveyed.

6. Oratory. The theory of oratory; analysis and study of oratorical masterpieces; historical study of the great orators. The preparation of briefs, the composition and delivery of short addresses,

speeches for occasion, debates, and at least one formal oration, will be required. Three hours credit.

7. The Technique of the Drama. The theory of the drama will be studied by means of lectures and assignments in its history and development; examples of the different forms will be analyzed; composition in dialogue, dramatic sketches, playlets, scenarios, and at least one complete drama will be required. Three hours credit.

8. Shakespeare. Shakespeare's life, influence, sources of his drama; an acquaintance by reading and assignments with the Shakespearean literature of criticism; a study of the chief plays, especially in comparison with those of other dramatists. Three hours credit.

9. The Modern Drama. The course will be confined to English and American drama, though some of the continental influences will be noted and analyzed. The more noteworthy plays of the chief dramatists from Goldsmith and Sheridan to the present will be read. Three hours credit.

10. Aesthetics and Literary Criticism. The philosophical basis of aesthetics, the elements of taste; the theory of criticism; a survey of critical standards; a study of the schools of criticism and of the work of the chief literary critics. Critical papers of assigned subjects will be required. Three hours credit.

11. English Prose. Its development; from Sir Thomas More to Dryden. The subjective essay; from Cowley to Lamb; some modern masters. The article and review, in criticism, politics, history, philosophy and religion; Coleridge, Hazlitt, Landor, Macaulay, Carlyle, Matthew Arnold, Lionel Johnson. The historians and biographers. Three hours credit.

12. Newman. His commanding position in the religious intellectual life of the nineteenth century; life and associations at Oxford; Catholic life; his philosophy of education in the "Idea of a University;" his controversial, apologetic and homiletic works; the great Christian protagonist in the warfare of modern rationalism; the acknowledged perfection of form in his prose. Three hours credit.

13. Journalism. (a) Ethics of journalism; a brief survey of the history of journalism, its development, and a discussion of its present tendencies. (b) The technology of the pressroom, news gathering and reporting; preparation of copy; copy-reading, proof-reading, interviewing and editing. Field work will be required and co-operation with the College periodicals. Three hours credit.

14-15. Early English Literature. A general survey of the origin and development of the periods to 1750; chief writers and characteristics. Two hours credit.

16-17. English Literature. An outline history of modern English literature, with required readings and assignments to cover subjects not provided for in other courses. Two hours credit.

18. American Literature. An historical survey, with especial emphasis on the chief influences and writers. One hour credit.

EVIDENCES OF RELIGION

1. Christian Revelation; The Church. Revelation in general; Christianity a revealed religion; Patriarchal and Mosaic Revelation;

divine origin of the Christian Revelation. The Church; its institution and end; Constitution of the Church. One hour credit.

2. The Church; God and Salvation. Marks and Teaching office of the Church; Holy Scripture and Tradition; the rule of Faith. God the Author and Restorer of our salvation; God considered in Himself; One in Nature; His Existence, Nature, Attributes, Unity; the Trinity.

3. Creation and Redemption. Creation; the spiritual world; the material world. Man and the Fall. God the Redeemer; the Person and Nature of the Redeemer; the work of Redemption. One hour credit.

4. Graces and the Sacraments. Actual, habitual and sanctifying grace; infused and acquired virtues; Pelagianism, Jansenism, Naturalism and other errors refuted. The Sacraments in general; Baptism; Confirmation; the Holy Eucharist as a Sacrament and as a Sacrifice. One hour credit.

5. The Sacraments; Morality and Virtue; Eschatology. The Sacraments of Penance, Extreme Unction, Holy Orders and Matrimony; Sacramentary errors refuted. The basis of morality; law, conscience and free will; moral good and moral evil. The Christian's duties toward God; natural and supernatural virtues; Faith, Hope and Charity; the Last Things. One hour credit.

6. Divine Worship; Christian Perfection. Internal and external worship due to God; direct and indirect acts of worship; veneration of the Saints. The Christian's duties toward self and neighbor; works of supererogation. One hour credit.

7. Sacred Scripture. Biblical Canonics and Hermeneutics. Fact, nature and extent of inspiration. The Bible and Science. Explanation of difficulties drawn from geology, astronomy, biology, paleontology and evolution. One hour credit.

8. Scripture Reading. Readings from the Old and New Testament; comparative study of Greek text, and Latin and English versions. One hour credit.

FRENCH

A. Elementary French. Careful drill in pronunciation. The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the order of words in the sentence; colloquial exercises; writing French from dictation; easy themes; conversation. First semester. Four hours credit.

B. Elementary French. (Continued.) Mastery of irregular verb forms; uses of the conditional subjunctive; syntax. Reading of graduated texts, with constant practice in retranslating into French portions of the text read; dictation, conversation. Second semester. Four hours credit.

C. Intermediate French. Reading, conversation, prose, composition, letter-writing, exercises in French syntax. Prerequisite; French A. B. or equivalents. First semester. Four hours credit.

D. Intermediate French. (Continued.) Grammar reviews, with special attention to problems in syntax. Detailed written abstracts of texts read. Letter-writing. Conversation. Second semester.

[Texts: Bruno, *Le Tour de la France*; Sarcey, *Le Siege de Paris*;

Renard, *Trois Contes de Noel*; Labiche and Martin, *Le Voyage de M. Perrichon*; Fortier, *Napoleon*; Chateaubriand, *Les Aventures du Dernier Abencerage*.] Four hours credit.

5. Modern French Prose. The study of novels or short stories by modern French prose writers; Erckmann-Chatrian, Brazin, Chateaubriand and others. Grammar and composition based on a French text. Three hours credit.

6. French Poetry of the Nineteenth Century. Reading from Alfred de Vigny, Alfred de Musset, Lamartine and others, with an introduction to French versification. Selections committed to memory. Three hours credit.

7. French Oratory. A study of the French orators and their works; Bossuet, Bourdaloue, Massillon, Flechier; prose composition; private reading. Three hours credit.

8. Three French Drama. The reading of dramas chosen from such authors as Corneille, Moliere, Racine, together with a study of their lives and works. Three hours credit.

9. History of French Literature. A general survey of the history of French literature from its earliest beginnings to the close of the reign of Louis XIV; collateral reading. Three hours credit.

10. History of French Literature. A general outline of the literature of the seventeenth, eighteenth and nineteenth centuries, dealing only with writers of first importance. Three hours credit.

GEOLOGY

1. Dynamical and Structural Geology. Atmospheric, aqueous and igneous agencies and their work. Rivers. River and marine deposits. Glaciers. Earth movements. Volcanoes. Earthquakes. Classification of rocks. Metamorphism. Mineral deposits. Coal, oil and natural gas. Mountain formation and topography. Three hours credit.

2. Historical Geology. Evolution of the earth. Fossils and their significance. Geological eras, periods, epochs and corresponding systems. The prevalent species of plants and animals of the successive geological ages. The advent of man. Three hours credit.

GERMAN

A. Elementary German. This course is intended for students who have not presented German for admission. Grammar, pronunciation, colloquial exercises, easy themes, translation from prose selections. First semester. Four hours credit.

B. Elementary German. (Continued.) Weak and strong verbs; the use of the modal auxiliaries; the chief rules of syntax and word-order; selections in prose and verse; dictation based upon the readings; frequent short themes; conversation; memorizing of poems.

Readings: Baumbach, *Der Schwiegersohn*; Storm, *Immensee*; Arnold, *Fritz auf Ferien*; Wildenbruch, *Das edle Blut*.

Four hours credit.

C. Intermediate German. Rapid review of grammar; dictation; prose composition. Open to students who have credit for German A and B, or who have presented elementary German for admission. First semester. Four hours credit.

D. Intermediate German. (Continued.) The more difficult points of syntax; special problems of grammar. Reading of selected texts. Dictation and themes based upon the reading. Memorizing of poems. Second semester.

Readings: Schiller, Wilhelm Tell; Goethe, Herman und Dorothea and Iphigenie; Uhland's Poems. Four hours credit.

5. German Prose Writers. The study of novels or short stories by German prose writers; Freytag, Hauff, Herbert, Stifter, Novalis, Brentano, Eichendorff. Three hours credit.

6. German Poetry. Readings from German ballads and lyrics. Selections committed to memory. Special attention is given to the study of rhythm and metre. Three hours credit.

7. The German Epic. Dreizehnlinden, Weber; Der Trompeter von Sakkingen, Scheffel; selections from other epic poems. Three hours credit.

8. The German Drama. Dramas of Goethe, Schiller and Lessing. Selections from Ansenruber, Hebel, Wildenbruch. Three hours credit.

9. History of German Literature. A general survey of the history of German literature from its earliest beginnings to the period of Frederick the Great; collateral reading. Three hours credit.

10. History of German Literature. A general outline of the literature of the eighteenth and nineteenth centuries, dealing mainly with the writers of the first importance. Three hours credit.

11. Scientific Reading. For students preparing for scientific courses which required a facility in the reading of scientific literature. Prerequisite: German A and B.

Text: Dippold's Scientific German Reader, current scientific literature; monographs, One semester. Two hours credit.

GREEK

A-B. Elementary Greek. The course is intended for those who enter without Greek. Benner-Smyth, Beginners' Greek Book; Xenophon, Anabasis; prose composition based on Xenophon. Four hours Both semesters. Eight hours credit.

1. Homer. Selected portions of the Iliad or Odyssey; Homeric Dialect; outline of Greek epic poetry. First semester. Three hours credit.

2. Plato. The Apology and one of the Dialogues. New Testament, selections. Second semester. Three hours credit.

3. Demosthenes. Philipps; The Crown; history of the development of Greek oratory. First semester. Three hours credit.

4. Sophocles; Aeschylus. Sophocles, Antigone or Oedipus Tyrannus; Aeschylus, Prometheus, with lectures on Greek drama. Second semester. Three hours credit.

5. Euripides; Aristophanes. Euripides, Medea or Alcestis; Aristophanes, Frogs or Clouds, with lectures on the Greek comedy. Three hours credit.

6. Lyric and Pastoral Poets. Pindar and Theocritus. Pindar, selected Epinicia; Theocritus, selected Idyls. Selections from the Greek Anthology. Three hours credit.

7. Herodotus. Selections from Books I, VII, VIII and IX. Lectures on the early logographers and the beginnings of Greek prose. Three hours credit.

8. Thucydides. Selections, especially the Sicilian Expedition, Books VI-VIII. Lectures on the Greek historians and historical sources. Three hours credit.

9-10. Prose Composition. Practice in the writing of simple Greek. Both semesters. Two hours credit.

11-12. Prose Composition. An advanced course. Both semesters. Two hours credit.

13. History of Greek Literature. A general course in Greek Literature. One semester. Two hours credit.

HISTORY

1. Western Europe from the Renaissance to 1815. Sophomore or Junior year. First semester. Three hours credit.

2. Western Europe Since 1815. Sophomore or Junior year. Second semester. Three hours credit.

Courses 1 and 2 are prerequisite to all other history courses and, in view of their cultural and informational value, are required of all undergraduates. Ordinarily taken in Sophomore or Junior year.

Method of instruction is typically the informal lecture based on textbooks recommended by the Department and supplemented by oral recitations, quizzes, class-room discussion, collateral reading, written tests and occasional research tasks in the library. At least two papers designed to afford practice in original presentation of historical data are required in each course.

3. English History to the Death of Elizabeth (1603). The fusion of Saxon and Norman elements and the gradual advance towards national consciousness with special reference to the growth of political and social institutions; the jury system, the common law, the great charters and the rise of representative government; Tudor despotism and the significance in English history of Elizabeth's reign.

With England (800-1500) taken as a vertical section of the mediaeval world, the civilization of which was homogenous to a marked degree in all the countries of Western Europe, and with the more important events and movements of the Middle Ages grouped around England as one of the chief participants therein, this course becomes similar in scope to a general course in mediaeval history. Junior or Senior year. First semester. Three hours credit.

4. English History from the Death of Elizabeth. The Stuarts and the great struggle for popular and constitutional rights; the cabinet system of government and the rise of political parties; the Industrial Revolution and the building of the British Empire; the spread of democratic ideas, the British Empire today and the problems before it.

Courses 3 and 4 aim to present English History especially as a background and starting point for the study of American History. With informal lecture and textbook as the basis of instruction, stress is laid on the use of source-material and on methods of historical research and composition. (At least two papers designed to embody

results of collateral reading and comparison of selected source are required in Courses 3, 4, 5, 6, 7, 8.) Junior or Senior year. Second semester. Three hours credit.

5. American History to the Reconstruction Period. This course, with the following, aims to bring into relief the outstanding influences that have shaped the history of the United States from the Colonial Period to our own, stressing for this purpose topics of import for the social, economic and political development of the nation. Junior or Senior year. First semester. Three hours credit.

6. American History since the Reconstruction Period. Supplementary to Course 5, with similar aims and methods of instruction. Bears in its later phases on conditions and circumstances that led to America's participation in the Great War, with the resulting stimulus to a clearer national consciousness of the significance and value of American citizenship. Junior or Senior year. Second semester. Three hours credit.

7. Ecclesiastical History. Origin and early expansion of Christianity; persecution; heresies; Councils; mediaeval union of Church and State; foreign missions, mediaeval and modern; disruption of Christian unity in the sixteenth century; the papacy and the popes. The course aims to show in sequence the reverses and vicissitudes of the spiritual kingdom of Christ. Junior or Senior year. One semester. Three hours credit.

8-9. Special Topics in European History. Courses dealing intensively with certain outstanding events, movements and institutions of direct bearing on the history of the Church. Topics thus treated will be, among others, the Origin and Early Influence of the Papacy, the Temporal Power of the Pope, the Holy Roman Empire, the Controversies over Investitures, Mediaeval Religious Life, the Mendicant Friars, Mediaeval Universities, the Great Schism, the Collapse of Religious Unity in the Sixteenth Century, the Catholic Reaction, Missionary Enterprise in the Spanish Colonies, etc. Research courses giving opportunity to the student to deal freely with source-material and to compare his findings with the treatment of the topics in the best secondary authorities. Senior year. Both semesters. Six hours credit.

10. Contemporary History. A course aiming to apply the methods of historical evidence and research to current events. Senior year. One semester. Two hours credit.

11. Historical Methods. The principles of historical evidence, the processes of historical research, scientific method in history, the rival claims of literature and science in historical composition, biography. Senior year. One semester. Two hours credit.

LATIN

A-B. Elementary Latin. Daily practice in oral and written themes; essentials of syntax. First semester. Caesar, *De Bello Gallico*, four books; thorough study of syntax with frequent themes. Bennett's New Latin Prose Composition. Second semester.

C. Cicero; Sallust. Orations against Catiline I—III; selections from *De Senectute* and the *Bellum Catilinae*. Themes from Bennett's New Latin Prose Composition. Four hours credit.

D. Vergil; Cicero. Aeneid, translation and interpretation with studies in Greek and Roman mythology. Cicero, Pro Lege Manilia. Themes as in Course C. Four hours credit.

The above courses, A, B, C, and D, are intended for students who enter with insufficient preparation in Latin, but will not be accepted in fulfillment of the required college Latin.

1. Vergil; Horace. Vergil, Aeneid VII-XII, selections; Horace, Ars Poetica. Selections from Christian Hymnology. First semester. Three hours credit.

2. Livy. Book XXI; Book XXII, selections; a study of Livy's style; elements of change from the prose of the Ciceronian age. Second semester. Three hours credit.

3. Horace; Cicero. Horace, selected Odes and Epodes; Cicero, Pro Milone, with special references to its rhetorical and argumentative qualities; De Amicitia or De Senectute. First semester. Three hours credit.

4. Horace; Tacitus. Horace, selected Epistles and Satires; a study of the chief characteristics of Roman satire; Horace's philosophy of life; Tacitus, Agricola and Germania; the prose of the empire. Second semester. Three hours credit.

5. Cicero; Juvenal. Cicero, Quaestiones Tusculanae, with a study of his position as a philosopher; Juvenal, selected Satires. One semester. Three hours credit.

6. Plautus; Terence. Selected plays. One semester. Three hours credit.

7. Pliny; Seneca. The letters of Pliny the Younger, with a study of literature and social conditions at the end of the first century after Christ; Seneca, selected letters. One semester. Three hours credit.

8. Roman Political Institutions. The king, the gentes, the patricians, the clients; the rise and growth of the Republican Constitution, the senate, the magistracies, the people, the assemblies, etc. One semester. Two hours credit.

9. Latin Composition. Principles of Latin idiom and style. Kleist's Aids to Latin Composition. Required of students taking Courses 1 and 2. First semester. One hour credit.

10. Latin Composition. A continuation of Course 9. Second semester. One hour credit.

11. Latin Writing. Advanced course. Translation of selected passage from English classic authors. Kleist's Practical Course in Latin Composition. Intended to accompany Courses 3 and 4. First semester. One hour credit.

12. Latin Writing. A continuation of Course 11. Second semester. One hour credit.

13. Ecclesiastical Latin. Hymns and homilies, selected from the Breviary and other sources. One semester. Two hours credit.

14. History of Roman Literature. A general course in Roman Literature. One semester. Two hours credit.

MATHEMATICS

A. Advanced Algebra. A course for those who present but one unit of Algebra for entrance to college. The work starts with a review of Elementary Algebra, and then takes up such subjects as are usually given in a third-semester high-school course of Algebra. Can be counted only as an elective. Two hours credit.

B. Solid Geometry. A course for those who have not had solid geometry in high school. Cannot be counted in fulfillment of the requirements in Mathematics. Two hours credit.

1. College Algebra. After a brief review of the foundations, the following topics are treated: Variables and functions, linear and quadratic equations, determinants, logarithms, undetermined coefficients, complex numbers, binomial theorem, theory of equations, and series. For Freshmen. Prerequisite: Entrance Algebra, one and one-half units; and Plane Geometry. Three hours credit.

2. Plane Trigonometry. The six elementary functions for acute angles; goniometry; solution of the right and oblique triangles; graphs of the functions and solution of simple trigonometric equations. For Freshmen. Three hours credit.

3-4. Algebra; Trigonometry; Analytic Geometry. A course in unified mathematics, embracing the topics of Algebra and Trigonometry outlined above, and the elements of Analytic Geometry. Open to Freshmen, who present at least two and one-half units for entrance. Six hours credit.

5. Spherical Trigonometry. The right spherical triangle, Napier's rules, formulas and methods for the solution of the general triangle. Open to students who have had Mathematics 2. Two hours credit.

6. Surveying. The theory, use and adjustment of instruments; methods of computation and arrangement of data; practical field work and topographic map-making. Three hours credit.

7. Plane Analytic Geometry. Loci and their equations. The straight line; the circle; the parabola, ellipse, and hyperbola; transformation of co-ordinates; polar co-ordinates. Open to Sophomores and Juniors. Three hours credit.

8. Solid Analytic Geometry. An introductory treatment of the point, plane, straight line, and surfaces of revolution. Open to Sophomores and Juniors. Three hours credit.

9. Differential Calculus. Fundamental notions of variables; functions, limits, derivative and differentials; differentiation of the ordinary algebraic, exponential and trigonometric functions with geometric applications to maxima and minima, inflexions, and envelopes; Taylor's formula. Open to Sophomores and Juniors. Three hours credit.

10. Integral Calculus. The nature of integration; elementary processes and integrals; geometric applications to area, length, volume and surface; multiple integrals; use of infinite series in integration; introduction to differential equations. Open to Sophomores and Juniors. Three hours credit.

11. Methods of Teaching Mathematics. A course for those who expect to teach high-school mathematics. Open to students who have completed Mathematics 8 and 9. Will not be counted towards a major. Two hours credit.

MILITARY SCIENCE AND TACTICS

Enrollment in the Reserve Officers' Training Corps unit is prescribed for all students in the College of Liberal Arts, during Freshman and Sophomore years. To be eligible for enrollment the student must be a citizen of the United States, whose bodily condition indicates that he is physically fit to perform military duty, or will be so upon arrival at military age. No member of the Army, Navy, or Marine Corps of the United States, or of the National Guard or Naval Militia, shall be eligible for membership in the Reserve Officers' Training Corps. Members of the National Guard may be discharged therefrom by the Adjutant General of the State, upon presenting evidence of enrollment in the Reserve Officers' Training Corps. Excuses from enrollment will be granted only on certificate of physical disability.

Upon enrollment in the Reserve Officers' Training Corps each student will be supplied by the United States with his complete uniform. At time of registration each student liable for military training, as above outlined, will deposit with the Treasurer of the University the sum of \$10.00 to cover loss or damage to uniforms or other equipment, the property of the United States, which may be issued to him. Such portion of this deposit as is not required to replace loss or repair damage will be refunded to the student on his departure from the University on an order signed by the Commandant of the Cadets.

A minimum of three hours per academic week is required of first and second year students and five hours per week for third and fourth year electives.

In addition to the prescribed work a student is permitted to elect military study to the maximum of 8 semester-hours, and will receive for work satisfactorily completed regular college credit counted in the 128 hours required for graduation.

The course of theoretical study and the practical instruction constitute a progressive course covering a period of four years, of which the last two are elective. Those who continue the work electively, after completing the two years of required work, are paid commutation of rations by the United States at the rate of about fifty cents per day. Such payment is contingent upon an agreement, in writing, by the student to attend two camps of four weeks duration each.

After graduation a graduate of the Reserve Officers' Training Corps may be commissioned as an officer in the Officers' Reserve Corps of the United States, or may be temporarily commissioned with a unit of the regular army for the period of six months with pay at \$100.00 per month and allowances. Upon completion of this period of training such officer is enrolled in the Officers' Reserve Corps. The object of this course of training is to fit the graduates of the Reserve

Officers' Training Corps for the duties of commissioned officers in time of war or threatened war.

Enrollment in the R. O. T. C. for a two year period is a prerequisite for graduation.

PHILOSOPHY

1. Formal Logic. This will comprise the customary treatment of formal logic with added emphasis on inductive reasoning and the informal reasoning of everyday life and of literature. Required of Juniors. One semester. Three hours credit.

2. Introduction to Philosophy. This course sets before the student the meaning and scope of philosophy and introduces him to the principal problems of philosophic discussion; the problem of reality, the problem of knowledge and the problem of conduct. One semester. Three hours credit.

3. Psychology. Beginning with an explanation of the cerebro-spinal nervous system, this course leads on to the study of the phenomena of sensuous life; sense perception, imagination and memory, sensuous appetite, movement and feeling. Required of Juniors. First semester. Three hours credit.

4. Psychology. A continuation of Course 3, embracing the study of the phenomena of rational life; the origin and development of intellectual concepts, rational appetency, free-will and determinism. The later part of the semester is given to rational psychology; the origin, nature and destiny of the human soul, the union of the soul and body. Required of Juniors. Second semester. Three hours credit.

5. Metaphysics. In this course are treated the subjects usually included under Ontology and Cosmology: the notions of being, act and potency, substance and accident, relation and cause; the origin of the material universe; the constitution of inorganic bodies, organic life, the laws of physical nature, miracles. Required of Seniors. First semester. Three hours credit.

6. Metaphysics. The first part of this course is devoted to Natural Theology, including: the idea of God, the proofs for the existence of God, the attributes of God, and free-will, the divine action in the universe, providence.

The second part of the course is taken up with questions of epistemology: truth and error, the nature of fact of certitude, the value of human testimony, the criterion of truth. Required of Seniors. Second semester. Three hours credit.

7. Ethics. In this course are treated the subjects belonging to general theory; the nature of the moral act, the distinction between moral good and moral evil, moral habits, natural and positive moral law, conscience, rights and duties. Required of Seniors. First semester. Three hours credit.

8. Ethics. The application of the general principles of ethics to particular, individual and social rights and obligations: the right to property, life, honor; the rights and obligations of domestic society, marriage and divorce, civil society, its nature and forms; the rights of civil authority; church and state; the ethics of international relations, peace and war. Second semester. Three hours credit.

9. History of Ancient Greek Philosophy. In ancient Greek philosophy attention is directed primarily to the teachings of Socrates, Plato and Aristotle and to the systems of Stoicism and Epicureanism. Plotinus is taken as representative of the Alexandrian movement; and St. Augustine is studied as the most conspicuous example of the early Christian philosopher. This course is carried on by means of lectures and recitations and the reading of representative selections. Turner's History of Philosophy is used as the basis of lectures and recitations. First semester. Three hours credit.

10. History of Mediaeval and Modern Philosophy. In the study of mediaeval philosophy attention is centered on the origin and development of Scholastic philosophy and on the system of St. Thomas as the most complete synthesis of mediaeval thought. In the division of modern philosophy, Descartes, Locke, Hume, Kant, Hegel and Spencer are taken for special study. Among present day tendencies, the revival of Scholasticism and the trend towards realism are noticed. De Wulf's Mediaeval Philosophy is made the basis of the treatment of Scholastic Philosophy and Turner's History of Philosophy is used as the text for modern systems. Lectures, recitations, readings and discussions. Two hours credit.

11. Experimental Psychology. A laboratory course dealing with the phenomena of sense-perception and attention. Three hours credit.

21. Logic. A compendious course in logic to make students acquainted with the technical language of philosophy and with the formal and informal processes of reasoning. The second part of the course deals with the science of knowledge, with truth and error, the nature and degrees of certitude, the value of human testimony, the criterion of truth. Four hours credit.

22. Psychology and Ethics. A compendious course embracing rational psychology, the origin nature and destiny of the human soul, the union of the soul and body. The second part of the course deals summarily with general ethics, the nature of the moral act, the distinction between moral good and moral evil, the moral law, conscience, rights and duties. It also treats of the right to property, life and honor, the rights and obligations of domestic and civil society. Four hours credit.

Courses 21 and 22 are required of premedical and prelegal students.

PHYSICAL EDUCATION

1. Physical Training. Indoor elementary gymnastics; outdoor athletics and games. Two hours a week.

A medical physical examination is given to every student engaged in gymnasium work. No student may register in any branch of athletics without a medical examination.

2. Physical Training. Instruction in heavy apparatus, track and field athletics. Two hours a week.

3. Hygiene. The principles governing the proper care and right use of the human organism and its surroundings; the relating of hygiene to physical training. One hour; first semester.

4. Hygiene. The application of the principles of physiology and sanitary science to the conduct of physical life; personal, domestic and public hygiene and sanitation. One hour; second semester.
[May be required without credit towards graduation.]

PHYSICS

1-2. General Physics. Mechanics, Sound, Light, Heat, Magnetism and electricity. Must be preceded or accompanied by a course in Plane Trigonometry.

1a-2a. Lectures, experimental demonstrations and recitations, two hours per week. Both semesters. Four hours credit.

1b-2b. Laboratory, four hours per week. Both semesters. Four hours credit.

3-4. General Physics. A more mathematical and more complete treatment of the general principles of the subject than that given in 1-2. Should be preceded or accompanied by a course in Plane Trigonometry.

3a-4a. Lectures, experimental demonstrations, recitations, three hours a week, both semesters. Six hours credit.

3b-4b. Laboratory two hours a week, both semesters. Two hours credit.

5-6. Advanced Physics. A more mathematical treatment of Mechanics, Molecular Physics, Light and Heat. Must be preceded or accompanied by a course in Calculus.

Prerequisite Course 1-2 or 3-4. Lectures four hours per week. Both semesters. Eight hours credit.

7-8. Electricity and Magnetism; Radioactivity; the Electron Theory. Must be preceded or accompanied by Calculus. Prerequisite: Course 1-2 or 3-4. Lecture, four hours per week. Both semesters. Eight hours credit.

9-10. Experimental Physics. Advanced laboratory work in Mechanics, Molecular Physics, Light and Heat. A few lectures are given on the theory of physical measurements and measuring instruments with special attention to the computation of results. Recommended to be taken in concurrence with Course 3-4.

Six hours per week. Two semesters. Prerequisite, Course 1-2. Six hours credit.

11-12. Experimental Physics. Advanced Laboratory Work in Electricity and Magnetism. Accurate measurement of current, resistance, electromotive force, capacity; magnetic properties of iron and steel; use of electrometer and potentiometer; a practical study of the properties of direct and alternating currents and of the principles underlying the construction of dynamo-electric machinery. Six hours per week. Both semesters. Prerequisite: Course 7-8.

Six hours credit.

13. Electric Oscillations and Electromagnetic Waves; Radio Communication. Lectures two hours per week. One semester. Prerequisite: Course 1-2 or 3-4 and a course in Calculus.

Two hours credit.

POLITICAL SCIENCE

1-2. American Government. First Semester—American National Government. The historical back-ground of the Federal Constitution and of political issues in the United States, and the organization and functions of the National Government. The President. The Cabinet. The Senate. The House of Representatives. The Supreme Court and the Subordinate Federal Courts.

Second Semester—Local and State Government in the United States. The place of the States in the Nation. The State Constitutions. The State Legislature. The State Courts. Organization and functions of administration in counties and cities. Three hours a week, both semesters. Six hours credit.

3-4. Party Politics. The development of political parties in the United States. Importance of this extra constitutional element in American Government. Party platforms. Presidential campaigns and elections. The nominating machinery; the presidential primary and the nominating convention. Party patronage. The spoils system and civil service reform. State parties and practical politics in local government. Three hours a week, both semesters. Six hours credit.

5-6. American Government and Party Politics. A more general course adapted to the needs of students who desire to make a less intensive study of the matter of courses 1-4. Three hours a week; both semesters. Six hours credit.

7-8. Constitutional Law. Fundamental principles of the United States Constitution viewed in the light of their history, development and application. The making of the Constitution. The Constitution regarded as a grant of power. Federal powers and State powers. The principle of "checks and balances." The doctrine of Judicial Supremacy. Constitutional Limitations on Legislative power. Limits of the Police Power of the States. The Guarantees of the Fourteenth Amendment. Religious Liberty. The Fifteenth Amendment and the Negro Problem. State Constitutions. Three hours a week; both semesters. Six hours credit.

9. Comparative Government. A comparative study of the governmental organization and administration of the principal European Nations. Three hours a week, one semester. Three hours credit.

10. Principles of Political Science. Origin and fundamental nature of the state. Its foundation upon the consent of the governed. Its stability. Purpose of government. Nature of right, liberty and law. Three hours a week, one semester. Three hours credit.

PUBLIC SPEAKING

1. Principles of Vocal Expression. Practical training in the fundamentals of effective speaking. Instruction on the management of the breath; methods of acquiring clear articulation; correct and refined pronunciation; direct, conversational and natural speaking; inflection; qualities of voice and their use; purity, range and flexibility of tone. Individual criticism and conference with the instructor. One hour credit.

2. Gesture and Technique of Action. The study of poise; posture, movement and gesture; spontaneity of expression; correction of man-

nerisms; power and pathos; ease, grace and effectiveness of delivery. Class exercises, criticism and conferences. One hour credit.

3. Argumentation and Debating. A practical training for those students who have taken or are taking the course in oratory prescribed under English 5. Thought development; division and arrangement; argumentative, persuasive and demonstrative speeches; a finished argument and the fallacies of argument; the essentials of parliamentary law and practice; manner of conducting deliberative assemblies. Class exercises. Individual criticisms and conferences.

One hour credit.

4. The Occasional Public Address. Informal public addresses; the presentation of business propositions before small or large audiences; impromptu and extempore speaking; after-dinner talks. Speeches for various occasions. Class exercises, individual criticism and conferences.

One hour credit.

5-6. Practical Oratory and Debating. This course is open to all students of the college. Its aim is to afford special training in public speaking. To this end strict parliamentary practice is followed throughout. The literary and oratorical exercises include declamations and elocutionary reading; criticism and discussion of interpretation and delivery; the composition and reading of short stories, poems and essays; orations illustrative of rhetorical principles; extemporaneous speaking; the knowledge and application of parliamentary law; debates.

Two hours credit.

SOCIOLOGY

1. Social History. A survey of ancient, mediaeval and modern social movements. Social value of Mosaic laws and Christian practice with special emphasis on industrial democracy. A review of modern reforms, factory legislation, workingmen's compensation, social insurance, profit sharing and industrial co-operation. The Church in modern social problems.

Three hours credit

2. General Sociology. An introduction to the scientific study of social problems and their relation to the family and the individual. A study of natural resources, population, immigration, labor organization, woman and child labor. Also problems of poverty, crime, housing, with a survey of preventive work relating to the poor, defectives and delinquents.

Three hours credit.

3. Social Ethics. An application of Christian ethics to economic and social phenomena. The origin and development of the family, marriage, and the social order. The ethics of property, liberalism, socialism and communism; capital and labor combines, strikes, lock-outs and boycotts; public ownership and control; monopolies and modern finance; public health, control of education, traffic etc.

4. Organized Charity. A study of conditions affecting the family and community. Social treatment and application in the case of dependents and delinquents. The purposes and methods of investigation, diagnosis and treatment studied by means of selected cases. Co-operation of public and private agencies is studied, and inspection visits made to important institutions.

Three hours credit.

SPANISH

A-B. Elementary Spanish. Grammar: De Vitis. Parts of speech; regular conjugations; study of the Indicative Mood, difference of tense meanings; Imperative; use of the simpler idioms. Pronunciation, composition and conversation. Pittaro's Spanish Reader. Credit not given unless the full course is completed. Four hours credit.

C-D. Intermediate Spanish. Advanced grammar; idiomatic uses of the prepositions; irregular verbs, verbs requiring a preposition. Composition and conversation. Reading: Alarcon, *El Capitan Veneno*; Colona, *Lecturas Recreativas*. Three hours credit.

5-6. Composition and Conversation. Open to students who have completed Course A-B or who have presented two units of Spanish for admission. Cool: Spanish Composition and Conversation; Valers, *El Pajaro verde*; Alarcon, *ovelas Cortas*. Two hours, both semesters. Four hours credit.

7. Commercial Spanish. Must be preceded by or taken concurrently with Spanish C-D. Practice in colloquial Spanish, commercial forms, letter-writing and advertisements. Luria, *Correspondencia Commercial*; current journals and other literature. Three hours credit.

8. Classical Prose. Selections from Cervantes, *Don Quixote de la Mancha*; St. Theresa, *Life*; Ribadeneira, *Historia del Cisma de Inglaterra*, selections. Kelly, *History of Spanish Literature*. Three hours credit.

9. Classical Poetry. Fray Luis de Leon, *poesias*; *Romancero general* (Duran); Jorge Manrique, *Coplas*, selections. Three hours credit.

10. Modern Prose. Luis Coloma, *Jeromin*, *Boy*, *La Reina Martin*; Jose Maria Pereda, *Penas arriba*, *Cuentos y novelas*; Saj, *Europa salvaje*; Fernan Caballero, *La Gaviota*, *Clemencia*; *Valvuenas*, *Estudios criticos*. Three hours credit.

11. Modern Poetry. Selections from the writings of Alberto Risco, Jose Selgas, Nunez de Arce, Zorilla. Three hours credit.

12. Spanish Drama and Oratory. Classical period; selections from the writings of Calderon and Lope de Vega. Modern period: Tamayo y Baus, *Los hombres de bien*, *Lances de honor*; Nunez de Aroe, *El haz de lena*. Oratory. Donoso Cortes and Nocedal, *Discursos*. Three hours credit.

STUDENT ORGANIZATIONS

SOCIETIES FOR RELIGIOUS CULTURE

1. The Sodalties of the Immaculate Conception. The Sodality is an organization of Catholic students who propose to aim at a more than ordinary degree of earnest and practical Christian virtue. To attain this end the principal means employed is devotion to the Blessed Virgin Mary, Mother of God, by the study and imitation of her virtues, and by practices of piety and her honor; because the Mother of Christ, who was so intimately associated with Him during His earthly life, in the work of redemption, is still close to Him in Heaven and intensely active and powerful for our sanctification.

The purpose of the Sodality, however, is not limited to fostering the personal piety of the members. It aims, furthermore, at instructing them in methods of Christian zeal and charity, and stimulating them to the performance of social works. The result is to make them at once devout Christians and men of action such as the social needs of the present day demand.

At the weekly meeting the Little Office of the Blessed Virgin is recited, and an appropriate instruction or exhortation is given by the Director, a member of the Faculty.

2. The Apostleship of Prayer—League of the Sacred Heart. To encourage devotion to the Sacred Heart and to enable the students to acquire, while at College, the zeal for the interest of Our Lord, which is so general among the laity of the Catholic Church, the Apostleship of Prayer was established in 1879, and since then few of the students of the College have failed to have their names enrolled as active members.

3. The St. John Berchmans Sanctuary Society. The object of this society is to contribute to the beauty and the solemnity of Divine worship by an accurate observance of the liturgic rites and ceremonies, and to afford students the privilege of serving at the altar.

SOCIETIES FOR ORATORICAL CULTURE

1. The Creighton Oratorical Association. As its name implies, the society trains its members to readiness and fluency in speaking before an audience. To this end likewise tends the attention paid to historical study and to composition. Meetings are held on Friday evenings and debates alternate with orations, recitations and literary essays. The Association was organized in 1884; in 1899 it was admitted to the Nebraska Collegiate Oratorical Association and during the month of January each year a contest takes place to determine the representatives in the contest. For the past five years a member of this Society has won first place in the Nebraska Oratorical Contest. A public debate is held each year. During the past few years the Mrs. John Schultz prize has been assigned to this debate. An intercollegiate debate was held on March 27th with the Colorado State Agricultural College. The Society plans to take part in several intercollegiate debates this coming school year.

2. The Creighton Stage Club. After an interruption of two years due to conditions prevailing during war times, the Creighton Dramatic Club was re-organized by Professor C. M. Bakewell under the name of the Creighton Stage Club. The members of this club presented on two successive nights Cardinal Wiseman's "Hidden Gem" and won the applause of an appreciative audience.

3. The Jeanne d'Arc Club. This Club, in the fifth year of its organization, has for its purpose to make known the lives of God's heroes and heroines—the Saints. To accomplish this purpose lectures illustrated by stereopticon views are delivered by the student members of the Club. The Club is directed by a member of the Faculty.

SOCIETIES FOR MUSICAL CULTURE

1. The Creighton College Band. This organization dates back to 1906. These past two years it has been a military unit forming an integral part of the R. O. T. C. The band gives students of musical ability an opportunity to practice and to minister to the enjoyment of the public and of their fellow students. The band practices twice a week and gives formal and informal concerts during the year.

2. The Creighton College Orchestra. This organization was formed in 1906. Besides offering instruction in instrumental music the members of the orchestra are able to contribute to the enjoyment of their fellow students and of their friends at the public entertainments of the College. The organization possesses a large musical library.

3. The Glee Club. The Glee Club was re-organized this school year. Mr. Henry G. Cox was given charge and within a short time an excellent glee club was developed. A public concert was given in May at the University Auditorium. The concert was thoroughly enjoyed by a large and critical audience. The Club gave a concert at Greeley, Nebraska, which added greatly to their reputation as entertainers. The Club is planning even greater activity during this coming school year.

OTHER SOCIETIES

The Creighton University Alumni Association. The Alumni Association of the College of Arts was organized October 26, 1903, but on December 21, 1913, was merged into the Creighton University Alumni Association, which is recruited from the ranks of the Alumni of the Colleges of Law, Medicine, Dentistry, Pharmacy and Arts and Sciences. The purpose of the Creighton University Alumni Association, or the Pan-Alumni, as it is usually called, is to foster the bond of union between the graduates of the various colleges and to provide a convenient means for participation in University tasks. Graduates of the College of Arts are admissible as are also students who attended the Arts College for at least two years, provided their class has graduated.

The Arts Alumni was reorganized in May, 1920. Reverend I. A. Hamill, S. J., a former professor of the University, was made director. The acting officers are:

| | |
|---------------------------------|-----------------------|
| Thomas J. McShane, '99 | President |
| William P. Sternberg, '07 | Secretary |
| Bert Murphy, '04 | } Executive Committee |
| Frank O. McCaffery, '04 | |
| Edgar Armstrong, '09.. } | |

The Creighton University Athletic Association. The society was organized for the double purpose of fostering a college spirit and encouraging healthful bodily exercise among the students. The latter aim is not considered as an end sufficiently worthy in itself, but rather as an aid to earnest application to more serious pursuits.

The University encourages athletic sports in so far as they tend to promote the physical and moral development of the student. Kept within the proper limits they are a source of recreation and healthful exercise and help toward implanting in the character habits of gentlemanly self-repression, which cannot be disregarded in any system of education. Athletics are under the immediate control of the Faculty, which uniformly adheres to well-defined regulations in their management. A creditable standing in class is a requisite of eligibility to any of the University teams. Long schedules and trips which necessitate absence from class, are discouraged.

A spacious athletic field affords the students ample opportunity to enjoy the pleasure of a home ground. It meets all the requirements of College Athletics. Besides the gridiron and the ball field, there are tennis courts and hand-ball alleys. The athletic field has recently been enlarged. A quarter mile running track encircles the field. Its situation is most convenient, as it lies within easy reach of all the divisions of the University, and the Harney and Cuming street cars pass within a block of the main entrance. The spacious new Gymnasium gives ample room for all the popular indoor sports, such as swimming, handball, bowling, basketball, etc.

ATHLETIC BOARD

| | |
|----------------------|--------------------|
| L. C. Nash | President |
| H. V. Burkley | Vice President |
| C. M. Garvey | Treasurer |
| J. A. Shanahan | Secretary |
| Joseph F. Byrne | Bert Murphy |
| Edward A. Creighton | F. O. McCaffery |
| Dr. L. A. Dermody | W. J. McCaffery |
| J. H. Hopkins | T. J. McShane |
| R. J. Madden | T. P. Redmond |
| E. Melady | Rev. W. J. Corboy, |
| | Faculty Director |

ACKNOWLEDGMENTS

Creighton College, like all private educational institutions, is dependent on its friends and patrons for aid in the prosecution and development of its work. The President and faculty wish to express their thanks to those who have been active in forwarding the interests of the College. In particular grateful acknowledgment is made for the following donations:

The Senior Classes of 1920 of the various divisions of the University: Twenty-five endowment policies of \$1,000.00 each, maturing in twenty years.

Knights of Columbus, Omaha Council: One set of the Catholic Encyclopedia, which was raffled by the students to increase the memorial statue fund. Five hundred dollars was realized by means of the raffle.

DONORS OF MEDALS

Right Reverend P. A. McGovern, D. D., Bishop of Cheyenne.

Knights of Columbus, Omaha Council No. 652.

Ancient Order of Hibernians.

Reverend B. Sinne

Reverend J. Aherne

Reverend P. J. Judge

Reverend P. C. Gannon.

Reverend J. F. McCarthy

Mr. Frank J. Burkley

Mr. William J. Coad

Mr. William P. Flynn.

Mr. Thomas E. Gerin

Mrs. C. W. Hamilton

Mr. Thomas J. McShane

Mr. J. T. Smith

DONATIONS TO LIBRARY

- Rev. Edward Garesche, S. J.: Children of Mary. Talks on Sodality Rules.
- O. S. Rice: Organization and Management of School Libraries. Library Lessons for High Schools.
- Rev. W. F. Stadelman, C. S. Sp.: Glories of the Holy Ghost.
- Mr. Wm. Healy Dall: Life of Spencer Fullerton Baird.
- Mr. Philip Gibbs: The Way to Victory.
- Mr. Maurice Francis Egan: Ten Years near the German Frontier.
- The Korean Commission: Korea's Fight for Freedom.
- Mr. John G. Neihardt: The Song of Hugh Glass.
- Mrs. R. A. Johnston: Memoir of Kenelm Henry Digby.
- Thomas Baker (London); Catalogues, etc.
- Mr. John G. Holme: Life of Leonard Wood.
- Mr. C. M. Service: Parks and Memorials of Illinois.
- Mr. Thomas Capek: The Cechs in America.
- Mr. M. J. O'Brien: A Hidden Phase of American History.
- Illinois Centennial Commission: The Modern Commonwealth.
- Rev. W. A. Padberg, S. J.: Petrus Canisius Credo.
- Hon. Calvin Coolidge: Have Faith in Massachusetts.
- A Friend: Life of Father W. Doyle, S. J.
- The Ingersoll Company: Time Telling Through the Ages.
- Dr. H. Von W. Schulte: 120 valuable books from his private library.
- Rev. Edward Gleason: A large collection of valuable works in Theology, Philosophy, Sacred Liturgy, History, Classical and General Literature, etc., from the Library of the late Rev. P. J. Gleason of Nashville, Tennessee.
- Rev. Frederick A. Meyer, S. J.: 2 volumes.
- Rev. Francis B. Cassilly, S. J.: 1 volume.

DONATIONS TO PHYSICS DEPARTMENT

- Sophomore B. S. Class 1918-1919: A modern wireless outfit.
- Sophomore B. S. Class 1919-1920: A donation of \$185.00.

DEGREES CONFERRED, 1920

DOCTOR OF SCIENCE IN MEDICINE

EBEN J. CAREY, M. S.

BACHELOR OF ARTS

| | |
|-------------------------|-------------------------|
| WILLIAM JAMES ADAMS | HAROLD CARRIG LINAHAN |
| ELMER OTTO BERGMAN | JAMES CLIFFORD LONG |
| GEORGE BERNARD BOLAND | JOSEPH HANNON McGROARTY |
| JOSEPH ARLINGTON FEILER | EDWARD EMMET O'NEIL |
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BACHELOR OF SCIENCE IN MEDICINE

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| JOHN GODFREY CHALOUPKA | PAUL EDWARD KUBITSCHKE |
| HENRY ALOYSIUS COLLINS | WILLIAM OWEN McDERMOTT |
| RICHARD KENNETH COLLINS | WILLIAM THOMAS RANCE |
| J. MILTON COOK | GEORGE RAYMOND RIETH |
| PAUL VICTOR DUFFY | KENNETH L. ROPER |
| EARL THOMAS GANGER | WILLIAM HOWARD SCHMITZ |

FIRST GRADE TEACHERS' CERTIFICATE

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|-----------------------|-----------------------|
| ELMER OTTO BERGMAN | HAROLD CARRIG LINAHAN |
| GEORGE BERNARD BOLAND | JAMES CLIFFORD LONG |

IN THE NEBRASKA STATE ORATORICAL CONTEST

FIRST PLACE WAS WON BY

BENEDICT M. McCONVILLE, '21.

IN THE INTERCOLLEGIATE LATIN CONTEST.

(The students of eleven Jesuit Colleges participating)

| | |
|---------------------------------|------------------------------|
| LEO J. WEARING, Fifth Place | RALPH E. KHARAS, Sixth Place |
| GEORGE F. HENNEGAN, Ninth Place | |

IN AN EXTEMPORANEOUS SPEAKING CONTEST

HELD AT KEARNEY NORMAL SCHOOL, KEARNEY, NEBRASKA.

SECOND PLACE, (PRIZE \$60.00) WAS WON BY

THOMAS J. McGOVERN, '21.

AWARD OF MEDALS AND PRIZES

| | |
|---|--|
| Senior Class Honors..... | Joseph H. McGroarty |
| Junior Class Honors..... | Ralph E. Svoboda |
| Sophomore Class Honors, A. B. Curriculum..... | Leo J. Wearing |
| Sophomore Class Honors, B. S. in Medicine Curriculum..... | Gratton T. FitzGibbon |
| Freshman Class Honors, A. B. Curriculum..... | Verne W. Vance |
| Freshman Class Honors, B. S. in Medicine Curriculum..... | Sam Beber |
| Freshman Class Honors, Prelegal Curriculum..... | Paul M. Johnson |
| Prize Essay in Evidences of Religion..... | Gerald H. FitzGibbon |
| Oratorical Medal | Benedict M. McConville |
| Schultz Prize for Debating..... | { 1st, Ralph E. Svoboda 2nd, Vincent O'Flaherty |
| Elocution, College Classes | Joseph H. McGroarty |

EXTENSION COURSES

At the request of a number of interested applicants, Extension Courses were established at the University during the academic year, 1919-1920. Reverend F. X. Reilly, S. J. was appointed Director of these courses. Classes were held in the College of Liberal Arts on Tuesdays and Saturdays. The following courses were offered:

- 1. The Principles of Literary Criticism Applied to Fiction.
Lecturer: Rev. F. X. Reilly. Two hours credit
- 2. General Physics.
Lecturer: Rev. W. F. Rigge.
Laboratory Assistant: M. William Barry. Two hours credit.
- 3. Constitutional History of the United States.
Lecturers: Rev. L. Kellinger,
Rev. S. K. Wilson,
Rev. R. M. Kelley. Two hours credit.
- 4. Practical Psychology of the Will.
Lecturer: Rev. F. X. Reilly. Two hours credit.

* ENROLLMENT IN EXTENSION COURSES

| | |
|---------------------------------------|---------------------------|
| Bush, Mamie B. | Omaha |
| Beal, Mamie, G. | Omaha |
| Burke, Margaret | Omaha |
| Begley, Kathryn | Omaha |
| Barrett, Bridget | Omaha |
| Barrett, Mary A. | Omaha |
| Buckley, Cecilia, Sr. M. | Omaha |
| Broz, Winclesla, Sr. M. | Omaha |
| Conway, Daniel W. | Sioux Falls, South Dakota |
| Callahan, Alphonsa, Sr. M. | Omaha |
| Callahan, Paula, Sr. M. | Omaha |
| Convey, Laura, Sr. M. | Omaha |
| Connor, Luke, Sr. M. | Omaha |
| Chivistek, Thaddea, Sr. M. | Omaha |
| Cogley, Clotildis, Sr. M. | Omaha |
| Doyle, Wilfrida, Sr. M. | Omaha |
| Dwyer, Clemenza, Sr. | Omaha |
| Doyle, Camillus, Sr. M. | Council Bluffs, Iowa |
| Dwyer, Borgia, Sr. M. | Omaha |
| Emerson, Claudius, Sr. M. | Omaha |
| Enderlin, Agnes, Sr. M. | Omaha |
| English, Bertille, Sr. M. | Omaha |
| Flynn, Vincent | Montrose, South Dakota |
| Flynt, Mary D. | Omaha |
| Fallert, Eudoxia, Sr. M. | Omaha |
| Furlong, Sibyllina, Sr. | Omaha |
| FitzMaurice, St. Mildred, Sr. M. | Omaha |
| Gorman, Loretta, Sr. M. | Omaha |
| Gallus, Bertilla, Sr. M. | Omaha |
| Howard, Besse | Omaha |
| Holbrook, Alice | Omaha |
| Harty, Joseph, Sr. M. | Omaha |
| Haley, Basil, Sr. M. | Omaha |
| Hart, Irma, Sr. M. | Omaha |
| Hubbuch, George, Sr. M. | Omaha |
| Hussacker, Victoria, Sr. M. | Omaha |
| Jorgensen, Flora | Omaha |
| Joworski, Cunegundia, Sr. M. | Omaha |
| Kilbride, Edwin A. | Canby, Minnesota |
| Kilbride, John L. | Canby, Minnesota |
| Keenan, Anna | Omaha |
| Kennelly, Elizabeth | Omaha |
| Kavanagh, Zita, E. | Omaha |
| Kane, Mary F. | Omaha |
| Kinney, Annette, Sr. M. | Omaha |
| Kohler, Blanche, Sr. M. | Omaha |
| Kluck, Cyrilla, Sr. M. | Omaha |
| Kearney, Regis, Sr. M. | Omaha |
| Krzycki, Seraphia, Sr. M. | Omaha |
| Kepler, Norita, Sr. M. | Omaha |
| Keegan, Vincent de Paul, Sr. M. | Omaha |
| Kelly, Mercedes, Sr. M. | Omaha |
| Kennedy, Stephen, Sr. M. | Omaha |
| Loughnane, Teresa | Omaha |
| Leahy, Jerome, Sr. M. | Omaha |
| Launderville, Flavian, Sr. M. | Omaha |
| Mulick, Katherine | Omaha |
| Mangan, Inez | Omaha |
| Mahoney, Ellen | Omaha |

*Finished the Courses and made the Examinations.

| | |
|------------------------------------|----------------------|
| Molseed, Edna | Omaha |
| Mullen, Mame, A. | Omaha |
| Mecher, Ida H. | Omaha |
| Mullen Rosalyn, Sr. M. | Omaha |
| Moellmann, Pia, Sr. M. | Omaha |
| Moran, Olivia, Sr. M. | Omaha |
| Mullen, Patricia, Sr. M. | Omaha |
| Martin, Bernita, Sr. M. | Omaha |
| Murphy, Alphonsus, Sr. M. | Omaha |
| Maguire, Angela, Sr. M. | Omaha |
| McCarthy, Helen, Sr. M. | Omaha |
| McCarthy, Ermine, Sr. M. | Council Bluffs, Iowa |
| McGory, Eumena, Sr. M. | Omaha |
| McGuinness, Cecilia, Sr. M. | Council Bluffs, Iowa |
| Neff, Rosa | Omaha |
| O'Leary, Delia | Omaha |
| O'Donnell, Amadeus, Sr. M. | Omaha |
| O'Boyle, Casimit, Sr. M. | Omaha |
| Pamp, Blanche, E. | Omaha |
| Pitts, Columbia, Sr. M. | Omaha |
| Powers, Francis, Sr. M. | Omaha |
| Quille, Placide, Sr. M. | Omaha |
| Rourke, Rose, Sr. M. | Council Bluffs, Iowa |
| Riley, Honorata, Sr. M. | Omaha |
| Ries, Elise, Sr. M. | Omaha |
| Sherwood, Mabel | Omaha |
| Spellman, Bonaventure, Sr. M. | Omaha |
| Strabala, Helena, Sr. M. | Omaha |
| Smith, Borromeo, Sr. M. | Omaha |
| Thompson, Mary A. | Omaha |
| Thissen, Anacletus, Sr. M. | Omaha |
| Vogelsburg, Antonia, Sr. M. | Omaha |
| Whelan, Delphine, Sr. M. | Omaha |
| Weiss, Antoinette, Sr. M. | Omaha |
| Weston, Petronilla, Sr. M. | Omaha |
| Whelan, Thecla, Sr. M. | Omaha |
| Waring, Grace, Sr. M. | Omaha |

CATALOG OF STUDENTS—1919-1920

ABBREVIATIONS—"A," College of Liberals Arts and Sciences; sp, (special). Numbers (1, 2, 3, 4) indicate the year of the course.

| | | |
|----------------------------|-------|-----------------------|
| ABTS, ALBERT (A1) | ..... | Randolph, Nebraska |
| ABTS, FRANK JOSEPH (A1) | ..... | Randolph, Nebraska |
| ADAMS, WILLIAM JOSEPH (A4) | ..... | Omaha |
| ADELSON, HARRY (A1) | ..... | Omaha |
| AITCHISON, LEE R. (A1) | ..... | Omaha |
| ANTONY, ARTHUR C. (A2) | ..... | Omaha |
| ARNOLD, HARRY J. (A1) | ..... | Carroll, Iowa |
| ASH, LAFE J. (A1) | ..... | Atlantic, Iowa |
| ASHLEY, RICHARD F. (A1) | ..... | Beaumont, Texas |
| BAILEY, JAMES P. (A1) | ..... | Leavenworth, Kansas |
| BANNON, MICHAEL E. (A1) | ..... | Emerson, Nebraska |
| BARKMEIER, JOSEPH H. (A2) | ..... | Exeter, Nebraska |
| BARRETT, MANTELL (A1) | ..... | Council Bluffs, Iowa |
| BARRY, WILLIAM M. (A3) | ..... | Omaha |
| BARSON, SIDNEY (A1) | ..... | Omaha |
| BEBER, SAM (A1) | ..... | Omaha |
| BECK, JOHN H. (A2) | ..... | Remsen, Iowa |
| BECKER, LAWRENCE H. (A2) | ..... | Sutton, Nebraska |
| BEECHWOOD, GEORGE E. (A2) | ..... | Coffeyville, Kansas |
| BEITENMAN, MILTON E. (A2) | ..... | De Witt, Iowa |
| BENSON, CURTIS (Asp) | ..... | Wood River, Nebraska |
| BENTLAGE, GEORGE J. (A2) | ..... | Neola, Iowa |
| BERCHTOLD, VICTOR E. (A1) | ..... | Santa Fe, New Mexico |
| BERGER, JULIUS J. (A1) | ..... | Carroll, Iowa |
| BERGMAN, ELMER O. (A4) | ..... | Kimball, Nebraska |
| BERNEY, FRANCIS J. (A1) | ..... | Horton, Kansas |
| BERNEY, MAURICE P. (A1) | ..... | Horton, Kansas |
| BERNEY, PAUL W. (A1) | ..... | Columbus, Nebraska |
| BOLAND, GEORGE B. (A4) | ..... | Omaha |
| BOLIN, GERALD W. (A1) | ..... | Greeley, Nebraska |
| BOLIN, LEO F. (A1) | ..... | Greeley, Nebraska |
| BONES, OSCAR H. (A1) | ..... | Fenwood, Wisconsin |
| BOYLE, EDWARD F. (1) | ..... | Darlington, Wisconsin |
| BRADY, RICHARD R. (A2) | ..... | Omaha |
| BRANNEN, GERALD L. (A2) | ..... | Spalding, Nebraska |
| BROWN, BRENDAN F. (A3) | ..... | Omaha |
| *BROWN, JOHN T. (A1) | ..... | Des Moines, Iowa |
| BROWN, LAWRENCE H. (A2) | ..... | Des Moines, Iowa |
| BROWN, LEO C. (A1) | ..... | Council Bluffs, Iowa |
| BROWN, THOMAS J. (A1) | ..... | Omaha |
| BROZ, THOMAS S. (A1) | ..... | Howells, Nebraska |
| BUCHAN, GEORGE M. (A1) | ..... | Ashton, Iowa |
| BURKLEY, HARRY V. (A3) | ..... | Omaha |
| BURKLEY, ROBERT W. (A1) | ..... | Omaha |
| BURNS, JEREMIAH J. (A1) | ..... | Council Bluffs, Iowa |
| CAMERON, HERBERT (A1) | ..... | Kearney, Nebraska |
| CAMERON, ROY E. (A1) | ..... | Omaha |
| CANFIELD, WALLACE W. (A1) | ..... | Omaha |
| CANTY, CHARLES R. (A1) | ..... | Butte, Montana |
| CARPENTER, JAMES W. (A1) | ..... | Cherokee, Iowa |
| CARRIG, MILTON H. (A2) | ..... | Omaha |
| CARROLL, ANTONY (A2) | ..... | Butte, Montana |
| CASEY, FRANCIS I. (A2) | ..... | Omaha |
| CHARVAT, CHARLES C. (A2) | ..... | Omaha |
| CHRISTIE, EDWARD P. (A1) | ..... | Austin, Minnesota |
| COLLINS, HAROLD F. (A1) | ..... | Greeley, Nebraska |
| COLLINS, WALTER J. (A1) | ..... | Greeley, Nebraska |
| CONDON, EDWIN (A1) | ..... | Riceville, Iowa |

*Died October 28, 1919.

| | |
|-------------------------------|----------------------------|
| CONWAY, DANIEL, W. (A1) | Sioux Falls, South Dakota |
| COYLE, ROBERT A. (A1) | Huntsville, Alabama |
| COYNE, DANIEL B. (A3) | Madison, Wisconsin |
| CROWLEY, LINUS, (A2) | Cambridge, Nebraska |
| CURTIS, HENRY, W. (A1) | St. Paul, Nebraska |
| CUSTER, LAWRENCE R. (A2) | Fremont, Nebraska |
| DEENY, JEROME B. (A1) | Perry, Iowa |
| DELEHANT, ROY D. (A2) | Beatrice, Nebraska |
| DELANEY, GEORGE A. (A1) | Tacoma, Washington |
| DERIG, WILLIAM (A2) | Wososo, South Dakota |
| DEWHURST, WILLIAM E. (A1) | Greeley, Nebraska |
| DICKEY, SPAHR, H. (A1) | Omaha |
| DOLAN, EMMETT C. (A1) | Omaha |
| DOLAN, MARION F. (A2) | Nevada, Iowa |
| DOWNING, HAROLD L. (A2) | Council Bluffs, Iowa |
| DOYLE, EVERETT (A1) | Omaha |
| EAGEN, ELWYN F. (A1) | Brownsdale, Minnesota |
| EMERY, WALTER A (A1) | Greeley, Nebraska |
| FARRELL, DANIEL L. (A1) | Omaha |
| FARRELL, JOHN B. (A2) | Schuyler, Nebraska |
| FEILER, JOSEPH A. (A4) | Omaha |
| FELTON, HAROLD W. (A1) | Neola, Iowa |
| FEWER, WILLIAM H. (A1) | Butte, Montana |
| FISHER, CLARENCE E. (A1) | Omaha |
| FITZGERALD, WILLIAM (A1) | Jamesstown, Kansas |
| FITZGIBBON, GERALD T. (A2) | Sioux City, Iowa |
| FITZGIBBON, GRATTAN T. (A2) | Sioux Falls, South Dakota |
| FITZGIBBON, JOHN R. (A2) | Sioux Falls, South Dakota |
| FITZPATRICK, TIMOTHY, A. (A2) | Danbury, Iowa |
| FITZSIMMONS, JOSEPH I. (A3) | Clinton, Iowa |
| FLEISHMAN, JACK (A1) | Omaha |
| FLYNN, JOHN T. (A1) | Omaha |
| FLYNN, VINCENT P. (A2) | Montrose, South Dakota |
| FOGARTY, HUGH V. (A1) | Greeley, Nebraska |
| FRASER, BURTON J. (A1) | Walnut, Iowa |
| GALLAGHER, FRANK J. (A2) | Cleveland, Ohio |
| GARROTTO, PAUL J. (A1) | Omaha |
| GIERAU HENRY J. (A2) | Springview, Nebraska |
| GILLESPIE, JOSEPH H. (A1) | Casper, Wyoming |
| GLASS, VIRGIL S. (A1) | Omaha |
| GLEASON, MICHAEL A. (A1) | Omaha |
| GOEBEL, CLARENCE J. (A1) | Hartington, Nebraska |
| GOLDSMITH, JACK M. (A1) | Sioux City, Iowa |
| GRACE, JOSEPH M. (A3) | Colorado Springs, Colorado |
| GRAFF, EMIL G. (A2) | Omaha |
| GRIEF, HAROLD J. (A1) | Lewiston, Idaho |
| GROSS, JOHN I. (A1) | Omaha |
| HACKETT, JOSEPH J. (A2) | Chicago, Illinois |
| HALL, GERALD J. (A2) | Lyons, Iowa |
| HARRINGTON, MORTIMER, L. (A2) | Minneapolis, Minnesota |
| HAYES, CHARLES B. (A2) | Omaha |
| HAYES, EDWARD T. (A1) | Omaha |
| HEFFERNAN, WALTER J. (A1) | Inwood, Iowa |
| HENNEGAN, GEORGE F. (A2) | Omaha |
| HERTRICH, VICTOR A. (A1) | Sprague, Washington |
| HINES, CYRIL R. (A1) | Bozeman, Montana |
| HINES, EDWARD (A1) | Omaha |
| HOGAN, CLEMENT J. (A1) | Iowa City, Iowa |
| HOMAN, LEO J. (A1) | Sioux Falls, South Dakota |
| HOVORKA, JOSEPH J. (A2) | Dante, South Dakota |
| HUMPHREY, JULIUS A., (A2) | Moberly, Missouri |
| HURLEY, JOHN E. (A1) | Junction City, Kansas |
| HUSMAN, LEO (A2) | Kimball, South Dakota |
| JOHNSON, PAUL M. (A1) | Omaha |

| | |
|------------------------------|-------------------------|
| KADNER, ABE, (A1) | Omaha |
| KARGACIN, THOMAS J. (A2) | Anaconda, Montana |
| KASTL, FRANCIS J. (A1) | Omaha |
| KASTL, RAYMOND M. (A1) | Herman, Nebraska |
| KAUP, HERMAN J. (A1) | West Point, Nebraska |
| KEALY, JOSEPH (A1) | Hastings, Nebraska |
| KEARNEY, CHARLES V. (A4) | Boulder, Colorado |
| KELLY, EDMUND J. (A1) | Casey, Iowa |
| KELLEY, HAROLD M. (A4) | Blair, Nebraska |
| KELLY, LEO J. (A1) | Perry, Kansas |
| KELLY, SYLVESTER, M. (A1) | Morris, Illinois |
| KERIGAN, JOSEPH P. (A1) | Greeley, Nebraska |
| KESTEL, JOHN L. (A2) | Remsen, Iowa |
| KHARAS, RALPH E. (A1) | Omaha |
| KILBRIDE, EDWIN A. (A2) | Canby, Minnesota |
| KILBRIDE, JOHN L. (A1) | Canby, Minnesota |
| KLEMM, WILLIAM A. (A2) | Exeter, Nebraska |
| KOEHN, GEORGE W. (A1) | Elkton, South Dakota |
| KOEHN, PAUL A. (A1) | Elkton, South Dakota |
| KRUGER, CHARLES F. (A1) | Omaha |
| KUCHES, ANDREW, (A1) | Omaha |
| KUHL, EDMUND J. (A1) | Defiance, Iowa |
| LAMMERS, HAROLD V. (A2) | Hartington, Nebraska |
| LATHROP, MASON E. (A2) | Omaha |
| LENNEMAN, LOUIS A. (A1) | Orleans, Nebraska |
| LENNON, JOHN E. (A1) | Sioux City, Iowa |
| LINAHAN, HAROLD C. (A4) | Omaha |
| LINDLEY, ROBERT T. (A1) | Bonesteel, South Dakota |
| LOECKER, JOSEPH A. (A2) | Atkinson, Nebraska |
| LOFTUS, JOHN J. (A1) | Pocatello, Idaho |
| LONG, CLIFFORD J. (A4) | Omaha |
| LYNCH, GEORGE M. (A2) | Jamestown, Kansas |
| LYNCH, JOHN H. (A1) | Great Falls, Montana |
| McALEER, ELMER C. (A1) | Monticello, Iowa |
| McCARTHY, WILLIAM F. (A2) | Omaha |
| McCONVILLE, BENEDICT M. (A3) | Centerville, Iowa |
| McCRADY, ARCHIE R. (A1) | Council Bluffs, Iowa |
| McDONALD, FRANCIS X. (A2) | Wichita, Kansas |
| McDONOUGH, FRANCIS E. (A2) | Salida, Colorado |
| MacFARLANE, DAVID L. (A1) | Montrose, South Dakota |
| McGARGILL, EDWARD J. (A2) | Omaha |
| McGLONE, HARRY F. (A2) | Shenandoah, Iowa |
| McGOVERN, THOMAS J. (A3) | Omaha |
| McGROARTY, JOSEPH H. (A4) | Denver, Colorado |
| McGUIGGAN, HAROLD M. (A2) | Winnebago, Minnesota |
| McKEOWN, JOHN P. | Tekamah, Nebraska |
| McLAUGHLIN HUGH J. (A2) | Caldwell, Idaho |
| McLAUGHLIN, JAMES (A1) | Caldwell, Idaho |
| MADDOX, J. STERLING (A1) | Burwell, Nebraska |
| MAGUIRE, WILLIAM C. (A1) | Coffeyville, Kansas |
| MAILLIARD, ALFRED E. (A1) | Randolph, Nebraska |
| MALEE, JOHN J. (A2) | Silver Bow, Montana |
| MALONEY, GERALD J. (A1) | Omaha |
| MALY, HENRY W. (A1) | West Point, Nebraska |
| MARTENS, JOHN E. (A1) | Milbank, South Dakota |
| MATOUS, OTTO C. (A1) | Abie, Nebraska |
| MAYER, ARTHUR J. (A3) | Mankato, Minnesota |
| MAYNARD, HARRY J. (A1) | Adair, Iowa |
| MERNAUGH, HARRY, T. (A2) | Letcher, South Dakota |
| MILLENKAMP, WILLIAM F. (A1) | Remsen, Iowa |
| MILLER, PETER D. (A3p) | Omaha |
| MILES, EUGENE F. (A1) | Livermore, Iowa |
| MILES, ROBERT W. (A2) | Livermore, Iowa |
| MOONAN, PAUL D. (A1) | Waseca, Minnesota |
| MORIARTY, JAMES T. (A3p) | Seattle, Washington |
| MOSKOVITZ, JULIUS M. (A2) | Missouri Valley, Iowa |
| MOYLAN, JOSEPH P. (A1) | Bayard, Iowa |
| MULDOON, JOHN C. (A1) | Corley, Iowa |

| | |
|-----------------------------|------------------------|
| MULLANEY, LEO J. (A1) | Belfield, North Dakota |
| MULLEN, CAROLL, R. (A1) | Omaha |
| MULLEN, FRANK M. (A1) | O'Neill, Nebraska |
| MULLEN, RAYMOND A. (A1) | Omaha |
| MULLEN, THOMAS D. (A1) | Omaha |
| MURPHY, CHARLES M. (A2) | Omaha |
| MURPHY, JOSEPH B. (A1) | Ballantine, Montana |
| NEISIUS, FRANK A. (A1) | Remsen, Iowa |
| NOLAN, ROBERT J. (A1) | Missouri Valley, Iowa |
| NORRIS, EDGAR W. (A1) | Omaha |
| OBERLE, RAYMOND K. (A2) | Marshalltown, Iowa |
| O'BRIEN, DONALD P. (A1) | Omaha |
| O'BYRNE, MAURICE B. (A1) | Trenton, Nebraska |
| O'CONNELL, FRANCIS L. (A1) | Denison, Iowa |
| O'CONNOR, CHARLES T. (A2) | Homer, Nebraska |
| O'FLAHERTY, VINCENT M. (A1) | Dixon, Nebraska |
| O'KEEFE, DONALD A. (A1) | Omaha |
| O'NEIL, EDWARD E. (A4) | Omaha |
| ORTMAN, JOHN W. (Asp) | Pierz, Minnesota |
| OTTE, JOHN B. (A1) | Omaha |
| PANKAU, JOSEPH B. (A1) | Doniphan, Nebraska |
| PAULSEN, CARL (Asp) | Wisner, Nebraska |
| PFEFFER, HARRY E. (A3) | Omaha |
| PFLAUM, FRANCIS J. (A2) | Cedar Rapids, Nebraska |
| PILLSBURY, DONALD M. (A1) | Omaha |
| PRIMASING, RAYMOND J. (A1) | West Bend, Iowa |
| RAIN, CHARLES A. (A1) | Council Bluffs, Iowa |
| RAYNOR, FRED J. (A2) | Conneaut, Ohio |
| REED, PURL (A1) | Macedonia, Iowa |
| REEDER, WILLIAM J. (A2) | Beatrice, Nebraska |
| REILLY, JOHN V. (A1) | Boone, Iowa |
| ROACH, LAVERNE J. (A1) | Omaha |
| ROHWER, ROLAND T. (A2) | Schleswig, Iowa |
| ROONEY, HAROLD F. (A1) | Greeley, Nebraska |
| RYAN, GEORGE T. (A1) | Omaha |
| SAULER, EDWARD C. (A1) | Tilden, Nebraska |
| SCANLAN, GEORGE C. (A1) | Lanesboro, Minnesota |
| SCHUELER, ANTHONY L. (A1) | Catherine, Kansas |
| SHEA, BURKE M. (A1) | Omaha |
| SHEEHAN, RAYMOND F. (A1) | Butte, Montana |
| SHOCKEY, RICHARD A. (A1) | Kietsburg, Illinois |
| SIRCA, DIONISIA, M. (A1) | Omaha |
| SKUTT, VESTOR, J. (A1) | Sturgis, South Dakota |
| SLAWSON, RHO, JR. (A1) | Council Bluffs, Iowa |
| SMERNOFF, MEYER, (A1) | Denver, Colorado |
| SMITH, ANTHONY, L. (A1) | Humphrey, Nebraska |
| SMITH, EARL (A2) | Omaha |
| SOHM, HERBERT, A. (A2) | Quincy, Illinois |
| SPITTLER, FELIX A. (A1) | Ewing, Nebraska |
| STEHLY, FRANK J. (A1) | Hecla, South Dakota |
| STEHLY, THEODORE H. (A1) | Hecla, South Dakota |
| STEVENSON, CLARE, (Asp) | Council Bluffs, Iowa |
| SVOBODA, FRANK C. (A1) | Abie, Nebraska |
| SVOBODA, RALPH E. (A3) | Omaha |
| SYLVER, THOMAS J. (Asp) | Omaha |
| TIERNEY, EDWARD L. (A1) | Walnut, Iowa |
| TRUMAN, GEORGE E. (A1) | Des Moines, Iowa |
| VALKER, LOUIS E. (A1) | Grafton, South Dakota |
| VANCE, VERNE W. (A1) | Omaha |
| VASKO, JOHN (A1) | Omaha |
| VOJIR, JOSEPH A. (Asp) | Omaha |

| | |
|----------------------------|--------------------------|
| WAGSTAFF, NICHOLAS A. (A2) | Chicago, Illinois |
| WALLERIUS, RAYMOND M. (A2) | Salina, Kansas |
| WATKE, FRED M. (A1) | Columbus, Nebraska |
| WEARING, JOHN L. (A2) | Salina, Kansas |
| WEBER, LEO F. (Asp) | Horton, Kansas |
| WELCH, EDWARD F. (A3) | Letcher, South Dakota |
| WEST, GLENN (A1) | Herman, Nebraska |
| WHITE, FRED S. (A1) | Omaha |
| WICKHEM, FRANCIS J. (A1) | Alexandria, South Dakota |
| WIDHALM, CARL J. (A1) | Humphrey, Nebraska |
| WILSON, RALPH T. (A3) | Omaha |
| WOLF, JOSEPH C. (A1) | Omaha |
| YEATS, LEO J. (A2) | St. Marys, Kansas |
| YOUNG, THOMAS B. (A2) | Lexington, Kentucky |

DISTRIBUTION OF STUDENTS ACCORDING TO STATES

| | |
|--------------|-----|
| Alabama | 1 |
| Colorado | 5 |
| Idaho | 4 |
| Illinois | 5 |
| Iowa | 50 |
| Kansas | 14 |
| Kentucky | 1 |
| Minnesota | 10 |
| Missouri | 1 |
| Montana | 9 |
| Nebraska | 132 |
| New Mexico | 1 |
| North Dakota | 2 |
| Ohio | 2 |
| South Dakota | 19 |
| Texas | 1 |
| Washington | 3 |
| Wisconsin | 3 |
| Wyoming | 2 |
| Total | 265 |

UNIVERSITY ENROLLMENT 1919-1920

| | |
|-------------------------|-------|
| College of Liberal Arts | 265 |
| *College of Medicine | 102 |
| College of Law | 123 |
| College of Dentistry | 113 |
| College of Pharmacy | 70 |
| High School | 415 |
| Summer Session, 1919 | 637 |
| Total | 1,724 |

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DIRECTORY

President—Rev. John F. McCormick, S. J., Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College, Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College of Medicine, Fourteenth and Davenport Streets, Omaha, Neb.

The Dean—Creighton College of Law, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Dentistry, 210 South Eighteenth Street, Omaha, Neb.

The Dean—Creighton College of Pharmacy, 1410 Davenport Street, Omaha, Neb.

The Principal—Creighton University High School, Twenty-fifth and California Streets, Omaha, Neb.

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JUL 13 1921

THE CREIGHTON UNIVERSITY BULLETIN

VOLUME THIRTEEN
NUMBER SEVEN

JUNE FIRST
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COLLEGE OF LIBERAL ARTS AND SCIENCES

ANNOUNCEMENT

1921-1922



The
Creighton University Press
OMAHA
1921

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| CALENDAR FOR 1922 | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------|----|----|----|----|----|----------|----|----|----|----|----|----------|----|----|----|----|----|----------|----|----|--|--|--|
| SEPTEMBER | | | | | | OCTOBER | | | | | | NOVEMBER | | | | | | DECEMBER | | | | | |
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| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 27 | 28 | 29 | 30 | .. | .. | .. | | | |
| 29 | 30 | 31 | .. | .. | .. | .. | 26 | 27 | 28 | .. | .. | .. | .. | 26 | 27 | 28 | 29 | 30 | 31 | .. | | | |
| JANUARY | | | | | | FEBRUARY | | | | | | MARCH | | | | | | APRIL | | | | | |
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| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | |
| 29 | 30 | 31 | .. | .. | .. | .. | 26 | 27 | 28 | .. | .. | .. | .. | 26 | 27 | 28 | 29 | 30 | 31 | .. | | | |
| MAY | | | | | | JUNE | | | | | | JULY | | | | | | AUGUST | | | | | |
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| 8 | 9 | 10 | 11 | 12 | 13 | 14 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | | | |
| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | | | |
| 29 | 30 | 31 | .. | .. | .. | .. | 25 | 26 | 27 | 28 | 29 | 30 | .. | 23 | 24 | 25 | 26 | 27 | 28 | 29 | | | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 30 | 31 | .. | .. | .. | .. | .. | | | |
| SEPTEMBER | | | | | | OCTOBER | | | | | | NOVEMBER | | | | | | DECEMBER | | | | | |
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| 15 | 16 | 17 | 18 | 19 | 20 | 21 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | | | |
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | | | |
| 29 | 30 | 31 | .. | .. | .. | .. | 29 | 30 | 31 | .. | .. | .. | .. | 26 | 27 | 28 | 29 | 30 | 31 | .. | | | |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | | |

CALENDAR

1921

| | | | |
|-----------|-------|----------------------------|--|
| September | 8-9 | { Thursday and Friday } | Entrance Examinations. |
| September | 10-12 | { Saturday and Monday } | Registration, Classification. |
| September | 13 | Tuesday | Regular Session begins, 8 A. M. |
| September | 14 | Wednesday | Solemn Mass of The Holy Ghost. |
| September | 16 | Friday | The Creighton Oratorical Society organizes. |
| September | 19 | Monday | Senior Sodality organizes. |
| September | 24 | Saturday | Conditioned Examinations. |
| November | 24 | Thursday | Thanksgiving Day. Holiday |
| December | 9 | Friday | Preliminary Oratorical Contest. |
| December | 19 | Monday | Subject of Prize Essay in Evidences of Religion announced. |
| December | 21 | Wednesday | Christmas Recess begins, 4 P. M. |

1922

| | | | |
|-----------|------|----------------------------|---|
| January | 3 | Tuesday | Classes resumed, 8 A. M. |
| January | 12 | Thursday | Annual Oratorical Contest. |
| January | 18 | Wednesday | Mid-Year Examinations. |
| January | 27 | Friday | Assembly. |
| January | 28 | Saturday | Registration. |
| January | 30 | Monday | Second Semester begins. |
| February | 7 | Tuesday | Founders' Day. |
| February | 8 | Wednesday | Evidences of Religion Essay submitted. |
| February | 22 | Wednesday | Washington's Birthday. Holiday. |
| February | 25 | Saturday | Conditioned Examinations. |
| April | 5 | Wednesday | Intercollegiate English Contest. |
| April | 7 | Friday | Preliminary Elocution Contest. |
| April | 9 | Sunday | Annual Retreat begins. |
| April | 13 | Thursday | Easter Recess begins. |
| April | 18 | Tuesday | Classes resumed, 8 A. M. |
| April | 24 | Monday | Intercollegiate Latin Contest. |
| April | 24 | Monday | Theses for Academic Degrees submitted. |
| April | 28 | Friday | Elocution Contest. |
| May | 5 | Friday | President's Day. |
| May | 11 | Thursday | Creighton Oratorical Public Debate. |
| May | 19 | Friday | Flag Day. |
| May | 30 | Tuesday | Decoration Day. Holiday. |
| June | 1 | Thursday | Final Examinations begin, Undergraduate Courses. |
| June | 3 | Saturday | University Commencement. |
| September | 7-8 | { Thursday and Friday } | Entrance Examinations. |
| September | 9-11 | { Saturday and Monday } | Registration, Classification. |
| September | 12 | Tuesday | Class Work resumed, 8 A. M. |

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ALPHONSE J. ZAMIARA, S. J., Professor of Greek.

LAWRENCE M. PERK, S. J., Assistant Professor of Mathematics.

WILLIAM M. BARRY, Assistant in Chemistry.

JOHN E. KENNY, A. M., Assistant Professor of Spanish.

FRANCIS P. KEENOY, S. J., Assistant Professor of Chemistry.

OSCAR WINZERLING, S. J., Assistant Professor of Spanish.

HENRY G. COX, Director of Musical Organizations.

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MALCOLM BALDRIDGE, A. B., Director of Physical Training.

DENNIS J. RYAN, Instructor in Physical Training.

*SERGEANT CARL M. APPERSON, Assistant Instructor Military Science and Tactics.

SERGEANT JOHN A. LIDDY, Assistant Instructor Military Science and Tactics.

SERGEANT EDWARD MARTIN, Assistant Instructor Military Science and Tactics.

*Resigned.

GENERAL INFORMATION

HISTORY

Creighton College owes its origin to a well defined and often expressed intention of Edward Creighton, to establish during his life a free school for higher education. He died, however, intestate, on November 5th, 1874, before making provision for the carrying out of his project. His wife, Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to put into execution the intention so earnestly cherished by her husband. She, too, was prevented by death, before she could take final and effective measures toward realizing her plans. Her death occurred on January 23, 1876. In her last will, dated September 23, 1875, she made a bequest, which in the settlement of the estate amounted to about \$200,000.00. One-fourth of this was devoted to grounds and a building, and the balance reserved for endowment. In accordance with the terms of her will the executors conveyed both property and securities to the Right Reverend James O'Connor.

After the incorporation of The Creighton University, Bishop O'Connor resigned his trust to the Society of Jesus, members of which have conducted the College since its inception.

Later, the benefactions of Edward and Lucretia Creighton were greatly augmented by the generosity of Count John A. Creighton, brother of Edward, and his wife, Sarah Emily Creighton, sister of Lucretia Creighton. Count John A. Creighton took a very active interest in the progress of the College, and its development and secure financial condition are due to his splendid gifts during his life time and to a princely bequest in his will. A yearly Founders' Day is celebrated in grateful memory of these noble benefactors.

SCOPE

Creighton College, a free school of Liberal Arts and Sciences, constitutes one of the eight divisions of The Creighton University. It offers four years of undergraduate instruction leading to the degree of Bachelor of Arts and Bachelor of Philosophy. Candidates for degrees may also obtain a First Grade State Teacher's Certificate

by completing a prescribed course in pedagogy and teaching, as outlined herein.

Creighton College is a member of the North Central Association of Colleges and Secondary Schools, and of the Association of American Colleges. The degrees of A. B., B. S. and Ph. B. are registered by the Board of Regents of the State of New York.

The College course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Science and Mathematics. The aim of the course is to give the student a complete liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The College ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

SYSTEM OF EDUCATION

The system of education in use in this College is that employed in more than two hundred educational institutions now conducted by members of the Society of Jesus in nearly all parts of the civilized world. This system was drawn up in the first instance by a committee of Jesuit educators and published in 1599. It is that embodied in the publication known as the *Ratio Studiorum*. In essential features it has been followed for 300 years, but in details it has been modified to meet the varying needs of time and place.

The scope or purpose of the Jesuit system of education is not to be sought in the subjects nor in the order or succession in which the different branches are taught, but rather in the goal which is held in view in teaching the various branches. This goal is the harmonious development of the faculties of soul and body of the student. The emphasis is obviously given to the training and development of the faculties of the soul, that is, of the memory, imagination, intellect and will of the student. The aim therefore of this system is to impart what is now known as a liberal education. Hence the training given is not specialized or professional, but general, and is intended to lay the foundation for professional or specialized education. The purpose then of the method followed in Jesuit schools is to give the student an insight into the human nature which is common to himself and to his fellow

human beings, to enable him to understand the problems of life—intellectual, moral, social, political and religious.

In regard to his intellect, the purpose of Jesuit education is to open, to broaden, to correct and refine his mind, to give it power over its own faculties, to enable it to acquire the ability to express itself clearly and appropriately. In regard to his will the aim is to form the character of the student, to give him principles and an ideal which will rule the conduct of his life—in a word, to make of the student a Christian gentleman.

As a means of training the mind the Ratio Studiorum emphasizes the study of language and especially of the languages of the ancient Roman Empire and of Greece. The so-called Classical Course has held the place of honor in Jesuit schools for more than 300 years. In spite of the attacks which have been made against this course of study the Society of Jesus considers it the best and most effective method to impart mental training. This conviction, however, does not prevent the offering of other systematic courses, such as the Scientific, Pre-professional and Commercial Curricula contain, and which have a more direct relation to the career of the student.

In its moral training the Jesuit system does not share the opinion of those who think that knowledge of itself has a morally elevating influence. While it places much stress on the correct training of the will and inculcates natural principles which should guide the student's conduct, it holds that religion alone can adequately enlighten the mind and strengthen the will. Hence thorough instruction in the principles of religion forms an essential part of the system. Hence, too, all Catholic students are required to attend the classes in Christian Doctrine, to be present at the Chapel exercises, to make the annual retreat and to approach the Sacrament of Penance and to receive Holy Communion at least once a month.

BUILDINGS AND GROUNDS

The Main Building is a large structure of brick trimmed with limestone, having a frontage of 236 feet and a depth of 124 feet. It contains four stories and the facade is surmounted by a tower 110 feet high. The central portion of this building was the original Creighton College, built in 1877, and at present contains the parlors, a large reading room, the chemical and biological lecture rooms and laboratories, and several recitation rooms.

The South Wing was built in 1888 and extended in 1900. The library, faculty reading room, offices of President and Treasurer together with many private rooms are housed in this wing.

The North Wing was added in 1900 and contains the offices, the department of Physics, and many recitation rooms.

The General Library is located in the south wing of the main building and contains 25,000 volumes, besides Federal Government and State Publications.

The University Chapel, generally known as St. John's Church, is situated a few yards west of the main building, facing California street. It was erected in 1887; is English Gothic in architecture, and built of Warrensburg sandstone.

The Auditorium is a separate building of red brick just west of the chapel. It has a seating capacity of seven hundred and the stage is generously equipped with scenery and other appurtenances required for dramatic productions.

St. John's Hall, located on the southwest corner of 25th and California Streets, contains rooms for about ninety students. The discipline of the Hall is under the supervision of College authorities and conditions favorable to serious study are maintained.

The Astronomical Observatory is equipped with a five-inch equatorial, a three-inch transit, a chronograph, sidereal and solar clocks, a portable transit, sextants, micrometers, spectroscopes, etc., and an extensive library. Although placed near the main building of the University, and in the middle of a large city, it commands an unusually extensive sky.

The New Gymnasium was opened in 1916. It offers splendid facilities for physical exercise and recreation. The building contains a spacious exercise room 170 by 90 feet, a running track, several hand-ball and squash courts, a swimming pool 75 by 30 feet, billiard rooms, bowling alleys, club rooms, locker and shower rooms. The equipment throughout is the best, and a competent director is in charge.

The College Campus occupies a large and high tract of ground about fifteen minutes walk from the business district of Omaha. It extends from California Street on the South to Burt Street on the North and from Twenty-fourth Street on the East to Twenty-seventh Street on the West. It is reached by means of the Harney and Cross-town street car lines.

The Athletic Field is situated in the middle of the Campus and is easily accessible. The field is equipped with tennis courts, a quarter mile running track, a baseball and football field. The field is sufficiently large to serve as a Drill Ground without interfering with athletic games.

EQUIPMENT

The Department of Physics occupies the entire front of the north wing on the third floor. There is every convenience for experimenting with sunlight and with arc and incandescent lamps, with direct and alternating currents, supplied by external circuits, with compressed and rarified air, gas, water and the like. Nearby are two laboratories generously equipped with instruments and conveniences for the students' work.

The cabinet of physical apparatus is exceptionally well stocked with instruments of all kinds. Besides the ordinary physical equipment there is a triple stereopticon with every attachment, prism and grating spectrosopes, binocular microscope with ten objectives, an elaborate outfit and a large classified list of prepared objects, an electric gyroscope, a motor generator, a very large induction coil, and a display of Geissler tubes.

The Department of Chemistry is located on the second floor of the main building and is equipped with lecture room and laboratory facilities to accommodate one hundred and twenty students. Facilities for further work in Chemistry than that outlined in this bulletin are provided in the laboratories connected with the Colleges of Medicine and Pharmacy.

The Department of Biology is located on the third and second floors of the main building. There are two laboratories, one for general work and one for special research work. These laboratories are fully equipped with the latest apparatus and with compound microscopes for each student.

UNIVERSITY PUBLICATIONS

"The Creighton Chronicle" is a monthly publication of the student body of the University. Each division of the University has its representatives on the editorial staff. The purpose of the magazine is to give the students a medium and an incentive for the exercise of their literary ability. It is also intended to keep the student body and alumni in touch with student life and university activities.

"The Creighton Courier" is a four page monthly devoted to the interests of the Creighton University. It is sent out gratis to some 15,000 addresses and serves to keep the activities of the University before the public.

STUDENT EXPENSES

A matriculation fee of \$5.00 is charged on entrance. This fee is payable but once.

All other bills are payable by the semester and in advance. Mid-Year Examinations, Final Examinations and Statements of Credit will not be given to students who are delinquent in the payment of any bills due to the University.

Tuition is entirely free to those who are following the regular curriculum leading to an academic degree. A charge of \$10.00 per semester is made in the case of special students and of those who are following pre-medical or pre-legal courses.

A fee of \$20.00 is charged for student activities, educational and athletic. The payment of this fee entitles the student to membership in the gymnasium, to attend lectures, athletic events, public debates and the Arts play, and to a year's subscription to the Creighton Chronicle and Creighton Courier. Every student is required to pay this fee in full at registration. Those who register for the second semester only, pay a fee of \$10.00. Should a student withdraw from college during the year, no part of this fee will be refunded.

| | |
|---|---------|
| Students' Activity Fee for the year..... | \$20.00 |
| Late Registration Fee..... | 2.00 |
| Physics, Laboratory Fee, each semester..... | 5.00 |
| Breakage deposit, returnable | 3.00 |
| Chemistry, Laboratory Fee, each semester..... | 7.50 |
| Breakage deposit, returnable..... | 5.00 |
| Biology, Laboratory Fee, each semester..... | 7.50 |
| Breakage deposit, returnable..... | 5.00 |
| Tuition (except for regular Arts Course), each semester | 10.00 |
| Deposit, returnable, R. O. T. C. equipment | 25.00 |
| Graduation Fee | 10.00 |
| Conditioned Examinations, each | 1.00 |
| Conditioned Examinations, taken on any other than the | |
| day assigned in College Calendar | 2.00 |
| Special Examinations, each | 1.00 |
| A second detailed transcript of school record..... | 1.00 |

REFUNDS

The Assistant Treasurer, on recommendation of the Dean, is

authorized to refund to students withdrawing from the University the proportion of any semester's tuition and laboratory fees indicated by the following table:

| From First Class Day | Deduct Per Cent | Refund Per Cent |
|----------------------------|--------------------|--------------------|
| Until 2 weeks..... | 20 | 80 |
| Between 2 and 4 weeks..... | 40 | 60 |
| “ 4 and 6 “ | 60 | 40 |
| “ 6 and 8 “ | 80 | 20 |

No refund after eight weeks.

RESIDENCE HALLS

St. John's Hall is a dormitory intended for the accommodation of out-of-town students. It provides students with board and lodging at reasonable rates. The discipline of St. John's Hall is under the direct control of the faculty, and conditions are maintained conducive to earnestness of application to school work. All out-of-town students attending the College of Liberal Arts are required to reside either with near relatives or in St. John's Hall or Bishop O'Connor Hall, if there is room in these dormitories. While the school authorities, in case the dormitories are filled, will assist students from a distance to find suitable homes at reasonable rates for board and room, they will not consent to act as guardians, nor in any way hold themselves responsible for the conduct of these students, when not actually under College supervision.

St. John's Hall is on California Street at Twenty-fifth Street, immediately across the street from the main building. It contains seventy single rooms and five double rooms. The rooms are heated by steam, lighted by electricity and furnished with the necessary furniture: bedsteads, mattresses, sheets, pillows, pillow slips, blankets, washstands, wardrobes, chairs and tables.

The government of the Hall is intended to develop in the residents habits of self restraint and of personal responsibility. The Director of the Hall is a priest belonging to the faculty.

Room Reservation: Rooms are reserved in the order of application. Beginning with the school year 1921-1922, a deposit of \$10.00 must accompany the verbal or written application for a room. In case a student fails to occupy a room after reservation, the deposit will not be returned. Reservations will not be held beyond the time of the opening of classes in September.

Expenses of Residence and Board in St. John's Hall

| | |
|--|---------------------------------|
| Private rooms, according to location, per semester.... | \$30.00, \$35.00 or \$40.00. |
| Board, per semester..... | \$125.00 |
| Breakage deposit for the year, returnable..... | 5.00 |
| Key deposit, for the year, returnable..... | 0.50 |
| Payments are to be made semi-annually, in advance. | |

The following estimate of the expenses of a student residing in the dormitory during the academic year does not include tuition in the case of those who are required to pay it (See page 11).

| | Low | Average | Liberal |
|------------------------------|----------|----------|----------|
| Books, stationery, etc. | 9.00 | 12.00 | 15.00 |
| Residence | 60.00 | 70.00 | 80.00 |
| Board | 250.00 | 250.00 | 250.00 |
| Laundry | 15.00 | 25.00 | 40.00 |
| Students' Fee | 20.00 | 20.00 | 20.00 |
| Total | \$354.00 | \$377.00 | \$435.00 |

FACILITIES FOR SELF SUPPORT

Students who are obliged to earn a portion of their expenses will find opportunities to do so, particularly in restaurants, private boarding houses and stores. By this means a young man may provide for a large part, though not all of his college expenses. Work which prevents a student from carrying his college studies profitably should not be taken, and will not be considered as a satisfactory excuse for delinquency in any course.

CLASS HONORS

Diplomas are graded as "rite", "cum laude", "magna cum laude", "summa laude", according to scholarship. "Summa cum laude" rank is fixed at A (93%-100%), "magna cum laude" at B (85%-92%) and "cum laude" at (77%-84%). These honors are inscribed on the diplomas of the recipients, and appear in the published list of graduates in the annual catalogue.

The honors awarded at the end of the year are determined by the combined results of class-work and examinations mentioned below, each counting 50 per cent.

Those who maintain an average of A (93%-100%) throughout the year merit the distinction of First Honors. An average of B (85%-92%) entitles a student to Second Honors.

PRIZES

Inter-Collegiate English Prize. A purse of \$100.00 (\$50.00 for the first prize; \$20.00 for the second; \$15.00 for the third; \$10.00 for the fourth, and \$5.00 for the fifth), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition among the students of the Jesuit Colleges of the Missouri Province, which are:

| | |
|--------------------------------|------------------------|
| St. Louis University | St. Louis, Mo. |
| St. Xavier College | Cincinnati, O. |
| Loyola University | Chicago, Ill. |
| St. Mary's College | St. Marys, Kas. |
| The Creighton University | Omaha, Neb. |
| University of Detroit | Detroit, Mich. |
| Marquette University | Milwaukee, Wis. |
| St. Ignatius College | Cleveland, O. |
| St. John's University | Toledo, O. |
| Campion College | Prairie du Chien, Wis. |
| Rockhurst College | Kansas City, Mo. |
| Sacred Heart College | Denver, Colo. |

Inter-Collegiate Latin Prize. For the best Latin essay from competitors of the same colleges, a gold medal is offered each year by Very Rev. Francis X. McMenamy, S. J., Provincial of the Missouri Province of the Society of Jesus.

The Bishop McGovern Medal. A gold medal is offered by Right Reverend P. A. McGovern, D. D., for the best essay in Evidences of Religion.

The Knights of Columbus Philosophy Medal. A gold medal is offered by the Knights of Columbus, Omaha Council No. 652, to the student of the Senior Class who during his Junior and Senior years makes the highest general average in the courses in Philosophy.

The Oratorical Medal. The Omaha Division of the Ancient Order of Hibernians offers a gold medal for the best original oration delivered in the annual contest in oratory.

The Mrs. John Schultz Prize. A cash prize of \$30.00, being the interest on a \$500.00 bond, is available each year for a purpose left to the choice of the faculty. In recent years this cash prize has been assigned to the Public Debate of the Creighton Oratorical Society.

The Elocution Medal. A gold medal is offered by Thomas J. McShane each year for the best recitation in the College elocution contest.

ADMINISTRATIVE PROCEDURE

TERMS AND VACATIONS

The college year begins on the second Monday in September, and includes thirty-six weeks, which are divided into fall and spring terms, or semesters, of eighteen weeks each. There is a Christmas Recess of one week, and an Easter Recess of five days. The weekly holiday is Saturday. Classes are not held on legal holidays, nor on days observed as holydays of obligation in the Catholic Church. Commencement Day takes place on the first Saturday in June.

ATTENDANCE

All cases of absence and tardiness are reported daily to the Dean's office by professors and instructors.

Students not in their places at the opening of the semester must present written excuses from their parents or guardians for the delay.

Students who are not present at recitations during the twenty-four hours preceding or following the Christmas or summer recesses will be marked three absences for each recitation missed, unless permission has been previously granted by the Dean. If such absence is not adjusted within two weeks, a grade of F will be recorded for the course.

The maximum number of unexcused absences allowed a student in any course, without deduction of grade in any semester, is the same as the number of class exercises per week in that course. Absences from laboratory courses in excess of one-sixth of the total number of the semester will cancel the registration of the course.

For each additional absence in any subject up to one-tenth of the regular recitation periods for the semester, deductions are made from the final grade of the students as computed from the daily standing and final examination, as follows:

One-half per cent for four or five hour studies.

One per cent for two or three hour studies.

For each absence in excess of one-tenth of the recitations, twice the above schedule of deductions is made.

All omitted exercises must be made up within one week after the resumption of college duties, as appointed by the professor whose exercises were omitted, or they will be counted as failures in determining the student's grade.

The responsibility in these cases rests with the student.

If a student is absent either with or without excuse, from twenty per cent or more of the exercises of a given class, in any semester, he will be required to take an extra examination which will ordinarily cover the work gone over during his absence.

Tardiness in class attendance is regarded as a partial absence, unless the matter is adjusted on request of the student at the close of the hour. Three tardy marks will be recorded as one absence. Teachers are to report to the President all students who are absent one-tenth of the recitations of a course as soon as that number shall have been reached.

DISCIPLINE

The educational system employed by the College includes, as one of its most important features, the formation of character. For this reason, the discipline, while considerate, is unflinchingly firm, especially when the good of the student body and the reputation of the institution are concerned.

While it is the policy of the Faculty to trust as much as possible to the honor of the students themselves in carrying on the government of the College, nevertheless, for the maintaining of order and discipline, without which the desired results are not attainable, regular and punctual attendance, obedience to College regulations, serious application to study and blameless conduct will be insisted upon. Any serious neglect of these essential points will render the offender liable to suspension or even to dismissal.

EXAMINATIONS

Examinations in all subjects are held at the close of each semester. Partial examinations and written recitations are held from time to time during the semester, with or without previous notice to the students, at the discretion of the instructor. The result of a semester examination, combined with the student's class work (each to count one-half) will determine his grade for the semester.

A condition [E] due to failure in a semester examination may be removed by a supplementary examination, upon recommendation of the department concerned, with the approval of the Dean of the College. The supplementary examinations are held during the first month of the succeeding semester. They may be taken only on the days specified.

A conditioned student who desires such examination must notify the department concerned one week in advance so that examination questions may be prepared. He must also notify the Dean on or before the same day so that arrangements may be made for the examination. For each subject, a fee is charged, payable in advance at the Treasurer's office. Removal of conditions by examination shall not entitle the student to a grade higher than D.

A student may take only one examination to remove a condition. If he fails to pass the subject, in both the regular and supplementary examinations, he must repeat the entire subject in class.

Conditions may be incurred: (a) by a failure to satisfy the requirements of any course, which requirements include the recitations, tests and other assigned work as well as the examinations; (b) exclusion from an examination because of excessive class-room absences; and (c) by absence, due to any cause, on a day appointed for examination, provided the work done during the semester is below passing.

Conditioned students absent from the regular supplementary examinations must present an excuse satisfactory to the Dean or receive a grade of F for the course.

CLASSIFICATION OF STUDENTS

No student will be advanced to a higher class if he has any conditions prior to the year in which he ranks.

Those students are ranked as Sophomores who have at least twenty-four credit hours and have completed the prescribed courses of freshmen year: Juniors, those who have fifty-six credits and have completed the prescribed courses of the sophomore year; Seniors, those who have ninety-two credit hours and have completed the prescribed courses of the junior year.

No student will be considered a candidate for graduation if he has any deficiency at the beginning of the second semester of the Senior year.

REPORTS

Reports containing a record of the class standing, the attendance and deportment are sent after each examination to parents or guardians. Reports are also sent after the first and third quarters about November 20th and April 20th. Special reports are made at other times when it is deemed advisable, or upon special request. The semester reports are mailed not later than February 10th, and July 1st. The Dean should be notified if the reports are not received in due time.

QUALITY OF WORK

GRADES

A student's grade of scholarship in each of his subjects is determined by the combined results of examinations and class work.

ABOVE PASSING

A 93—100, Excellent

B 85— 92, Good

C 77— 84, Fair

D 70— 76, Passed

BELOW PASSING

E 60—69, Conditioned

F 0—59, Failed

I—Incomplete*

X—Absent

These grades are not given out to the students by the professors, but are regularly issued from the office of the Dean of the College.

Any student who desires to remove an Incomplete, must first obtain from the Registrar, a blank form for presentation to the instructor in charge of the course. This blank when signed, must be filed with the Registrar within one week from the time of the semester examination. A fee of \$1.00 is charged for blanks obtained after the specified time.

TRANSCRIPT OF RECORDS

Students wishing transcripts of records in order to transfer from this College to another or for other purposes, should make early and seasonable application for the same. No such statements will be made out during the busy periods of examination and registration, September 1st to 15th, January 15th to February 1st and June 15th to July 1st.

STUDENT ADVISERS

Students are assigned to general advisers in the second semester of the Freshman year. The adviser must be retained throughout the student's course, unless special permission is obtained to change. The student's general electives must be selected under the direction of the general adviser, whose signature must appear on the registration card. In the Junior and Senior years the students must first secure the signature of the head of the department in which he is doing his major work, and second, the signature of the general adviser. During the time of registration the advisers keep office hours. The Dean of the College is chairman of the Board of Advisers, and is temporarily general adviser for all Freshmen and all new students admitted with advanced standing.

*A student may be reported Incomplete, if some small portion of his work remains unfinished, providing his standing in the course has been of grade C or higher. To secure credit, this work must be completed within one month after the beginning of the following semester; otherwise the course will be recorded as of grade E.

ADMISSION

REGISTRATION

New students must make application for admission to the Dean. A student will not be registered without official entrance records. Students entering from other colleges should first see the Chairman of the Committee on Advanced Standing.

Former students in good standing, after having paid their fees, will proceed to the Dean to arrange their schedule for the semester.

TESTIMONIALS AND CREDENTIALS

All applicants for admission to the College must present satisfactory testimonials of good moral character. A student entering from another college or institution of collegiate rank, must furnish from such institution a certificate of honorable dismissal before his credentials for scholarship will be examined by the Entrance Board.

ENTRANCE REQUIREMENTS

Candidates for admission to Freshman year must present entrance credits amounting to fifteen units representing four years of high school work. A unit is a series of recitations or exercises in a given subject pursued continuously throughout the school year. The number of class exercises required in a week for each unit shall, in general, be five. Double periods are required for laboratory courses.

Not less than a full unit will be accepted in the first year of any language. Half-units will be accepted, but only when presented in addition to integral units in the same subject, or in half-year subjects which constitute a complete course in themselves, e. g. Solid Geometry. Any two of the biological sciences (Physiology, Botany, Zoology) may be combined into a continuous year's course equal to one unit.

I. PRESCRIBED ENTRANCE REQUIREMENTS

(A) FOR THE A. B. DEGREE

| | | | |
|-----------------------|---------|-------------------|--------|
| English | 3 units | History | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| *Latin | 4 units | | |

*Students presenting full fifteen units without the prescribed four units in Latin or without the prescribed two units in foreign language will be given an opportunity to make up these requirements during the first two years at college.

(B) FOR THE PH. B. DEGREE

| | | | | | |
|----------------------------|---|-------|-------------------|---|------|
| English | 3 | units | History | 1 | unit |
| Mathematics | 2 | units | Science | 1 | unit |
| Foreign Language | 2 | units | | | |

II. ELECTIVES

The remaining four or five and one-half units may be selected from any subjects counted towards graduation in any accredited or recognized high school, with the following restrictions:

(a) No subject may be presented for less than a half unit of credit, as explained above.

(b) Not more than one unit will be accepted in any vocational subject counted toward graduation in an accredited or recognized high school.

(c) Vocal music and physical training will not be recognized for credit.

CONDITIONS

A condition of not more than one unit may be allowed to a candidate ranking above the lowest quarter of his high school class; but no condition is allowed in the prescribed English, Algebra or Geometry.

(a) This remaining unit may represent work not offered at entrance, and is in that case a real deficiency. Such students are considered as deficient students and must remove this deficiency during their first year of residence.

(b) Students offering the required number of units may fall slightly below the passing grade in one unit of work. Such students are considered as conditioned and must stand an examination for the removal of this condition during the Freshman year.

The work of the first year must be so arranged and so limited in amount that all conditions shall be removed and all deficiencies made good promptly. Deficient and conditioned students must, therefore, submit their course of study for approval to the Dean of the College.

*Students presenting full fifteen units without the prescribed four units in Latin or without the prescribed two units in foreign language will be given an opportunity to make up these requirements during the first two years at college.

†Candidates for the B. S. degree who present fifteen units, but only two units in Mathematics, may be admitted with the obligation of supplying the other half unit during Freshman year.

METHODS OF ADMISSION

ADMISSION BY CERTIFICATE

Admission without examination on certificate is granted to students from approved secondary schools as follows:

1. Creighton University High School.
2. Secondary schools accredited by any recognized standardizing agency.
3. Secondary schools accredited by the University of Nebraska.
4. High schools of the first grade in other states, which are so rated by the State Superintendent of Public Instruction.
5. Private schools and academies, not on any list, but approved, after investigation, by a vote of the Faculty of Creighton College.

Credentials which are accepted for admission become the property of the College and are kept permanently on file. All credentials should be filed with the Registrar. They should be mailed at least one month before the beginning of the semester, in order to secure prompt attention. Compliance with this request will save applicants much inconvenience.

Blank forms of entrance certificates, which are to be used in every case, may be had on application to the Registrar. Certificates must be made out and signed by the Principal or other recognized officer of the school and mailed by him directly to the Registrar.

No certificate will be accepted unless the holder has spent the last year of his high school course in the school issuing the certificate. A catalogue of the school, if published, describing the course of study in detail, should accompany the certificate.

It is expected that the principal will recommend not all graduates, but only those whose ability, application and scholarship are so clearly marked that the school is willing to stand sponsor for their success at college.

The certificates should fully cover the entrance requirements of the College. Admission on school certificates is in all cases provisional. If, after admission to the College, a student fails in any subject for which a school certificate was accepted, credit for that entrance subject may be canceled.

ADMISSION BY EXAMINATION

Applicants who are not entitled to enter on certificate must take the entrance examinations in the entire number of required units listed on pages 18 and 19. These examinations are held during the last week in June and the first week in September. The applicant may divide the examinations into two parts, taking as many as possible in June and the remainder in September. An examination in which the applicant has failed in June may be taken again in September.

ADMISSION TO ADVANCED STANDING

College credit for work done in a secondary school in excess of the requirements for admission can be given only on examination provided through the Dean's office, and on the basis of four semester hours of credit for one unit of high school work.

Candidates for admission from other institutions of college rank, which offer the same or equal courses of study as those at Creighton College, will be granted the same standing as at the former institution upon presenting in advance of registration:

1. A certificate of honorable dismissal.
2. An official transcript of college credits, with specifications of courses and year when taken, hours and grades.
3. An official certified statement of entrance credits and conditions, showing the length of each course in weeks, the number of recitations and laboratory exercises each week, the length of recitation and the mark secured.
4. A marked copy of the catalogue of the college previously attended, indicating the courses for which credit is desired.

No student will be admitted to the College as a candidate for a degree after the beginning of the first semester of the Senior year.

SPECIAL STUDENTS

Mature and earnest students who are either lacking in the required entrance units or who wish to pursue particular studies without reference to graduation, may be admitted with the permission of the Dean, to such courses of their own choice as they seem qualified to undertake.

The work thus done by special students cannot be counted later on toward a degree at Creighton College unless all entrance requirements have been satisfied.

SCOPE OF PREPARATORY WORK

The following descriptive outline indicates the amount of preparation expected in each of the subjects named.

LATIN

a. Grammar and Composition. The examination in grammar and composition will require a thorough knowledge of the entire Latin grammar together with such facility in writing Latin prose as is required by one who satisfactorily completes the course of exercises prescribed by The Creighton University High School. This course is based on Bennett's New Latin Composition.

b. Reading. Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's orations against Catiline and for Archias and the Manilian Law. Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations. Three units.

GREEK

a. Grammar and Composition. The examination in grammar will require a thorough knowledge of etymology, of the syntax of cases, the rules of concord and prepositions. Composition will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences with special reference to the use of the forms, particularly of the irregular verb, and the common rules of syntax.

b. Reading. Xenophon's Anabasis, two books, or their equivalent. Two units.

ENGLISH*

a. Rhetoric and Composition

The applicant should be familiar with the principles of Rhetoric as set forth in Brooks', Scott-Denney or an equivalent. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show discrimination in the choice of words and ability to construct well ordered paragraphs.

b. Literature

a. For Reading. Cooper, The Spy, The Last of the Mohicans; Stevenson, Treasure Island; Poe, Poems and Tales; Scott, The Talisman; Longfellow, Tales of a Wayside Inn; DeQuincey, Flight of a

*The Uniform College Entrance Requirements in English for 1917 will be accepted, as will any fair equivalent work in this department.

Tartar Tribe; Eliot, Silas Marner; Shakespeare, Julius Caesar; Pope, Essay on Criticism; Tennyson, Idylls of the King.

b. For Study. Dickens, Christmas Stories; Irving, Sketch Book; Hawthorne, Twice-Told Tales; Scott, Ivanhoe; Whittier, Snowbound, and other poems; Sir Roger de Coverly Papers; Washington Farewell Address; Webster, Bunker Hill Oration; Dickens, David Copperfield; Lowell, Vision of Sir Launfal, and other poems; Lamb, Essays of Elia; Macaulay, Essay on Johnson; Garrahan, Prose Types in Newman; Newman, Dream of Gerontius; Shakespeare, Merchant of Venice.

A knowledge of the subject matter and form of each work with an explanation of the principal allusions will be required, together with the literary qualities, so far as they illustrate rhetorical principles, a biographical outline of the authors and an account of their works.

Three units.

FRENCH*

1. The first year's work should include careful drill in pronunciation and in the rudiments of grammar, abundant easy exercises designed to fix in mind the principles of grammar, the reading of 100 to 175 pages of graduated text, with constant practice in translating easy variations of the sentences read, and the writing of French from dictation.

One unit.

2. The second year's work should comprise the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches, constant practice in translating into French easy variations upon the text read, frequent abstracts—sometimes oral and sometimes written—of portions of the text already read, writing French from dictation, and continued grammatical drill, with constant application in the construction of sentences.

One unit.

3. Advanced courses in French should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form, constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read, the study of a grammar of moderate completeness, and the writing from dictation.

GERMAN†

1. The first year's work should comprise careful drill in pronunciation; memorizing of easy, colloquial sentences; drill upon the

*The admission requirements in French are those recommended by the Modern Language Association of America.

†The Admission requirements in German are those recommended by the Modern Language Association of America.

rudiments of grammar; easy exercises, designed not only to fix in the mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; the reading of from 55 to 100 pages of text; constant practice in translating into German easy variations upon sentences selected from the reading lessons and in reproducing from memory sentences previously read. One unit

2. The second year's work should comprise the reading of 150 to 200 pages of literature in the form of easy stories and plays, practice in translating into German the substance of short and easy, selected passages, and continued drill upon the rudiments of grammar. One unit.

3. Advanced work should include, in addition to the two courses above, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, abstracts, paraphrases, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the more technical points of language. One unit

HISTORY

The candidate will be expected to show on examination such general knowledge of each field as may be acquired by the study of an accurate text-book of not less than three hundred pages. The examination will call for comparison of historical characters, periods and events, and, in general, for the exercise of judgment as well as of memory.

1. **Ancient History.** Comprising Oriental and Greek History to the death of Alexander, and Roman History to 800 A. D., with due reference to Greek and Roman life, literature and art. One unit.

2. **Mediaeval and Modern History.** From the death of Charlemagne to the present time. One unit.

3. **English History.** With due reference to social and political development. One-half or one unit.

4. **American History.** With special stress upon the national period, and Civil Government. One unit.

MATHEMATICS

Elementary Algebra and Plane Geometry are required for admission to all courses; the other subjects are optional, unless otherwise indicated above.

1. Elementary Algebra. Algebra through Quadratics. The points to be emphasized are: rapidity and accuracy in performing the four fundamental operations, factoring and its use in finding the greatest common factor and the lowest common multiple, radicals, the solution of linear equations containing one or more unknowns, the solution of quadratic equations, and the statement and solution of problems. One unit.

2. Plane Geometry. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subject of loci. It is desirable that a short course in practical Geometry should precede the study of formal Geometry. One unit.

3. Solid Geometry. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subjects of loci. One-half unit.

4. Intermediate Algebra. Theory of quadratic equations, remainder theorems, radicals with equations involving them, imaginary and complex numbers, ratio and proportion, variation, arithmetic and geometric progressions and graphs. One-half unit.

5. Trigonometry. Plane Trigonometry as presented in the best modern text-books. Especial attention should be paid to accuracy, neatness, and the proper arrangement of the work. One-half unit.

NATURAL SCIENCES

Physics. One year's daily work in Physics, of which one-third should be laboratory work. The student should possess a thorough knowledge of the elementary principles of mechanics, heat, light sound, electricity and magnetism, as presented in such text-books as Millikan and Gale or Carhart and Chute.

One unit.

Chemistry. One year's daily work in Chemistry, of which one-third should be laboratory work. The student should possess a thorough knowledge of the general laws and theories of chemistry and should be familiar with the occurrence, preparation and properties of the common elements and their compounds as presented in such text-books as McPherson and Henderson, Storer and Lindsey or Remsen.

One unit.

Zoology. One year's daily work in Zoology as presented in the text-books of Linville and Kelly, Jordan or Kellogg, with work in the laboratory and the field.

One unit.

Botany. One year's daily work in Botany as presented in Bergen, Atkinson or Coulter.

One unit.

General Biology. A combined course in Botany and Zoology, extending throughout the year, as presented in Hunter's Essentials of Biology or an equivalent text.

One unit.

Physical Geography. One year's daily work in Physical Geography as treated in the text-books of Tarr, Davis or Dryer, with training the laboratory and the field.

One unit.

DEGREES

BACHELORS' DEGREES

The following degrees are conferred:

- A. B., Bachelor of Arts;
- Ph. B., Bachelor of Philosophy.
- B. S. in Med., Bachelor of Science in Medicine.

The A. B. degree is conferred if the candidate's curriculum has included two years of college Latin.

The degree of B. S. in Medicine is conferred upon the completion of two years of Medicine, provided, of course, that the student before entering the Medical School has completed two years of college work as specified on page 34. Philosophy 21-22 is required for this degree.

The Ph. B. degree is conferred on candidates whose chief work has been in one or two of the following departments: Philosophy, History, English Literature, Economics, Political Science, Education, Sociology.

No degree, with the exception of that of Doctor of Laws (LL. D.), is given "honoris causa."

REQUIREMENTS FOR THE BACCALAUREATE DEGREES

The conditions for the Baccalaureate degrees are the following:

1. The satisfactory completion of the four years' course leading to the degree for which the student is a candidate.
2. A written thesis approved by the Dean of the College and presented on or before April 15th of the year in which the degree is expected to be conferred.
3. All work in order to be accepted in fulfillment of any requirement for the degree must be completed with grade D (70—76) or over, and three-quarters of the work must be of grade C (77—84) or above.
4. A fee of ten dollars payable in advance.

REQUIREMENTS FOR GRADUATION

AMOUNT OF WORK

In order to receive a degree, a student is required to complete 128 semester hours of work, three-fourths (ninety-six) hours of which must be of C grade or better.

The requirements for graduation include:

1. A certain amount of prescribed work, especially in the freshman and sophomore years;
2. A major and two minors, to be taken chiefly during the junior and senior years; and
3. Free electives, which afford opportunity either for broader culture or for greater specialization as the student may choose.

4. At least the Senior year in residence, at Creighton College.

The semester hour is the unit or standard for computing the amount of a student's work. A semester hour is defined as one lecture, recitation or class exercise, one hour in length per week, for one semester. Two hours of laboratory work are equivalent to one recitation hour. Two hours of preparation on the part of the student are required for each hour of lecture or recitation.

Regular work for Freshmen is sixteen hours per week. For all others it may be from fifteen to eighteen hours. No candidates for a degree will be allowed to register for fewer than twelve hours of work.

No Freshman may register for more than sixteen hours without special permission of the faculty, and such registration is not allowed to any student in his first semester of residence.

In case of students of longer attendance, advisers may grant permission to take studies up to eighteen hours a week after the standing of the student in each study of the semester is examined and found to be B (85) or over.

Students who drop a study without permission will be marked F on the Registrar's books. If a student is permitted at his own request to drop a course after attending the class for five weeks or more, he will be given a grade of F, which will become a part of the permanent records just as if he had failed at the end of the course.

No credit will be granted any student for more than forty hours in any department, including credits earned in the freshman year, except:

1. When a student is writing a thesis, he may count in addition to the forty hours, the hours of the course in which he does his thesis work.

2. In the department of English, a student may take forty hours in addition to Rhetoric 1—2.

CHARACTER OF WORK

I. SUBJECT REQUIREMENTS

(a) PRESCRIBED SUBJECTS FOR THE A. B. DEGREE.*

| | Credit Hrs. | | Credit Hrs. |
|---------------------------|-------------|---------------------------------|-------------|
| English | 12 | Mathematics | 6 |
| Latin | 16 | History | 6 |
| Modern Language | 16 | Philosophy | 16 |
| Science | 8 | Evidences of Religion | 8 |

(b) PRESCRIBED SUBJECTS FOR THE Ph. B. DEGREE.

| | | | |
|---------------------------|----|---------------------------------|----|
| English | 12 | Mathematics | 6 |
| Modern Language | 16 | History | 6 |
| Science | 8 | Philosophy | 16 |
| | | Evidences of Religion | 8 |

OUTLINE OF COURSES

BACHELOR OF ARTS

FRESHMAN

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|--|-------------|--|-------------|
| Latin 1, 9 | 4 | Latin, 2, 10 | 4 |
| English, 3 | 3 | English, 4 | 3 |
| Science | 4 | Science | 4 |
| Greek, or Mathematics, 1 or 3 | 3 | Greek, or Mathematics, 2 or 4 | 3 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

*Students taking Greek may omit Mathematics in Freshman and postpone History of Sophomore to the Junior year.

The prescribed course in Evidences of Religion will be required only of Catholic students.

SOPHOMORE

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|----------------------------|-------------|
| Latin, 3, 11 | 4 | Latin, 4, 12 | 4 |
| History, 1, or Greek..... | 3 | History, 2, or Greek..... | 3 |
| Modern Language | 4 | Modern Language | 4 |
| English, 5 | 3 | English, 6 | 3 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

JUNIOR

| | | | |
|-------------------------------|---|-------------------------------|---|
| Psychology, 11..... | 3 | Modern Language | 3 |
| Modern Language | 4 | Logic, 1..... | 1 |
| Evidences of Religion | 1 | Metaphysics, 5..... | 3 |
| Major and Minor Electives.... | | Evidences of Religion | 1 |
| | | Major and Minor Electives.... | |

SENIOR

| | | | |
|-------------------------------|---|-------------------------------|---|
| Psychology, 4 | 3 | Metaphysics, 6..... | 3 |
| General Ethics, 7..... | 3 | Special Ethics, 8 | 8 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Major and Minor Electives.... | | Major and Minor Electives.... | |

BACHELOR OF PHILOSOPHY

FRESHMAN

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|----------------------------|-------------|-----------------------------|-------------|
| English, 3 | 3 | English, 4..... | 3 |
| Mathematics, 1 or 3..... | 3 | Mathematics, 2 or 4..... | 3 |
| Modern Language | 4 | Modern Language | 4 |
| Science | 4 | Science | 4 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

SOPHOMORE

| | | | |
|----------------------------|----------|-----------------------------|----------|
| Modern Language | 4 | Modern Language | 4 |
| English, 5..... | 3 | English, 6 | 3 |
| History, 1 | 3 | History, 2 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| Elective | | Elective | 3 |
| | <hr/> 16 | | <hr/> 16 |

JUNIOR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-------------------------------|-------------|-------------------------------|-------------|
| Psychology, 11 | 3 | Logic, 1 | 3 |
| Evidences of Religion..... | 1 | Metaphysics, 5 | 3 |
| Major and Minor Electives.... | | Evidences of Religion..... | 1 |
| | | Major and Minor Electives.... | |

SENIOR

| | | | |
|-------------------------------|---|------------------------------|---|
| Psychology, 4..... | 3 | Metaphysics, 6..... | 3 |
| General Ethics, 7..... | 3 | Special Ethics, 8..... | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion..... | 1 |
| Major and Minor Electives.... | | Major and Minor Electives... | |

Candidates for graduation must attend any course of lectures, or any other exercises that have been or may be authorized and equipped by the faculty, even though such courses receive no value in credits.

GROUP REQUIREMENTS

A candidate for a bachelor's degree must complete a major in at least one department, and a minor in each of two other departments.

(a) One of these minors must be correlated to the major.

(b) The other, a free or unrestricted minor, must be chosen from another group.

The various subjects of instruction are divided into three groups as follows:

| Group I | Group II | Group III |
|-----------------|-------------------|-------------|
| English | Economics | Astronomy |
| French | Education | Biology |
| German | History | Chemistry |
| Greek | Philosophy | Mathematics |
| Latin | Political Science | Physics |
| Public Speaking | | |
| Spanish | | |

N. B.—For the degree of Bachelor of Arts the Major study must be selected from Group I or Group II. For the degree of Bachelor of Philosophy the Major study must be selected from Group II.

MAJOR

Each student before the end of the sophomore year must elect courses from some one department, to be known as his major, which must comprise not less than eighteen semester hours.

A major may be changed only by the consent of the Dean and of the heads of the departments concerned, and such change will be permitted only upon the distinct understanding that all the courses prescribed in the major finally chosen shall be completed before graduation.

MINOR

A minor consists of not less than twelve hours in one department. The correlated minor must be chosen from the same group as the major; the unrestricted minor may be chosen from either of the remaining groups.

ELECTIVES

Courses not taken (a) as prescribed courses and (b) not included in the student's major and minor sequences may be chosen as free electives to complete the 128 credits required for graduations.

In the choice of electives, each student must be guided by his prospective future work. He must ascertain, moreover, that such courses are open to his class; that he has fulfilled the prerequisites, and that there will be no conflict in the schedule of recitations or laboratory periods.

First year courses in a foreign language will not be accepted for credit towards a degree unless followed by a second year course in the same language.

Elections for the second term must be filed by members of the upper classes with the Dean on or before January 15th, and for the first term on or before May 15th.

REFERENCE STUDY AND RESEARCH

1. Students taking courses in Philosophy shall prepare and submit each month a paper of 2,000 words dealing with the development of some specific topic of the subject matter treated in class.

2. Students taking courses in History and Social Sciences will be required to hand in two papers each semester. These papers are to contain not less than 1,800 words; and at least one of the four papers thus submitted during the year should give unmistakable signs of original research, preferably in some local Catholic subject.

3. All such and other prescribed written assignments will be held to strictly as pre-requirements for graduation, for the fulfillment of which no student will be allowed any extension of time beyond the 15th of April of his Senior Year.

All applicants for a degree should file their application and present all their credits on or before the 15th of April.

BACHELOR OF SCIENCE IN MEDICINE

CURRICULUM PREPARATORY TO MEDICINE

Since the leaders in medical education advise a four-year college education for students preparing to study medicine, such students are urged to take one of the regular degree courses outlined above. All standard medical schools now require as a minimum two years of college work in addition to a four-year course in an approved high school. The College of Medicine of Creighton University requires at least two years (sixty semester hours) of college work for admission. In the premedical curriculum the following subjects are required:

| | |
|---|------------------|
| Chemistry, General Inorganic..... | 8 semester hours |
| Chemistry, Organic | 4 semester hours |
| Biology .. | 8 semester hours |
| Physics . . | 8 semester hours |
| English Composition and Literature..... | 6 semester hours |

The schedule of subjects followed by premedical students at Creighton College of Liberal Arts and Sciences is as follows:

FRESHMAN YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|----------------------------|-------------|
| Chemistry, 1 | 4 | Chemistry, 2 | 4 |
| Biology 1 | 4 | Biology, 2 | 4 |
| English, 1 | 3 | English, 2 | 3 |
| Mathematics or Modern | | Mathematics or Modern | |
| Language | 3 or 4 | Language | 3 or 4 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |

SOPHOMORE YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|----------------------------|-------------|
| Chemistry, 3 or 4 | 4 | Chemistry, 7 | 4 |
| Philosophy, 21..... | 3 | Philosophy, 22 | 3 |
| Physics, 1 | 4 | Physics, 2 | 4 |
| Foreign Language | 4 | Foreign Language | 4 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |

The successful completion of the course outlined above and of the courses prescribed in the Freshman and Sophomore years of the Medical Department entitles the student to the degree of Bachelor of Science in Medicine. This degree is conferred after the Sophomore year of the medical curriculum is completed.

PRELEGAL CURRICULA

On account of the higher requirements now obtaining in the law colleges of the United States, prelegal curricula have been arranged for those looking forward to the law as a profession. Beginning in 1922, the Law School of The Creighton University will require at least two years of collegiate training (60 semester hours) for admission to its courses, and urges that three or four years be taken in a College of Liberal Arts in preparation for law studies. Hence two kinds of programs are here given: one for students who wish to spend two years in preparatory work, NOT AS CANDIDATES FOR AN ACADEMIC DEGREE, but solely to equip themselves for law studies; the other for students who enter as candidates for an academic degree, ('A. B., Ph. B.), but expect afterwards to pursue a law curriculum.

I. SUGGESTED CURRICULUM FOR PRELEGAL STUDENTS, NOT CANDIDATES FOR AN ACADEMIC DEGREE

FRESHMAN YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|-----------------------------|-------------|
| English, 1 | 3 | English, 2 | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| History | 3 | History | 3 |
| Social Science..... | 3 | Social Science | 3 |
| Public Speaking | 1 | Public Speaking | 1 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |

SOPHOMORE YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|--------------------------------|-------------|--------------------------------|-------------|
| English | 3 | English | 3 |
| Philosophy, 21 | 3 | Philosophy, 22 | 3 |
| Foreign Language..... | 4 | Foreign Language | 4 |
| History or Social Science | 3 | History or Social Science..... | 3 |
| Public Speaking | 1 | Public Speaking | 1 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |

II. PRELEGAL STUDENTS WHO ARE CANDIDATES FOR ACADEMIC DEGREES

THREE YEAR CURRICULUM

When the prelegal student has chosen the degree for which he wishes to be a candidate, his program of studies will be so arranged that within three years he will be able to complete the subjects required

for his prospective degree. The elective subjects may be chosen from the courses offered at the Law School.

FOUR YEAR CURRICULUM

Candidates intending to spend four years in academic work will have their program of studies made up from the schedules given above for their various academic degrees, the program of studies differing according to the degree the student has in view.

TRAINING OF TEACHERS

The First Grade State Teachers' Certificate is granted to graduates of the College who have satisfactorily completed this special course as outlined below, in virtue of the recognition of The Creighton University by the State Superintendent of Public Instruction "as an institution duly incorporated under the laws of the State of Nebraska, and having an equivalent of the courses in the University of Nebraska for the degrees of Bachelor of Arts and Bachelor of Science. It is therefore authorized to issue certificates to such graduates as have completed the course of special training and instruction of teachers, said course being an equivalent of the course prescribed by the regents and faculty of the University of Nebraska for the special training and instruction of teachers, and such graduates shall be accredited as qualified teachers within the meaning of the school laws of the State, having equal privilege upon equal conditions with graduates from any and all other educational institutions within the state under the school laws thereof." This certificate qualifies the holder to teach in any school in Nebraska and is valid in several other states.

Requirements: First. General knowledge. The candidate must fulfill the conditions required for a Bachelor's degree.

Second. Special knowledge. The completion of work amounting to at least forty hours divided between two or three subjects which the student expects to teach, the ultimate decision as to the student's proficiency resting with the Professors concerned.

Third. Professional knowledge. The completion of 15 semester hours in Education, of which at least three hours must be in Psychology. The required courses are 1, 4, 11 and 12.

DEPARTMENTS AND COURSES

1. As a rule, odd numbers indicate first semester courses; even numbers second semester courses.

2. In all (a) beginning and (b) year courses both semesters must be completed for credit toward a degree.

3. The Faculty reserves the right to refuse to offer a course listed below for which there is not a sufficient number of applicants.

ASTRONOMY

1. Descriptive Astronomy. Fundamental astronomical facts and principles; astronomical co-ordinates: the celestial sphere. Astronomical instruments. The sun, moon and eclipses. The planets, comets, meteors. Constellations, clusters and nebulae. Three hours credit.

2. Spherical and Practical Astronomy. The theory and use of astronomical instruments, such as the sextant, transit, altazimuth, equatorial, position micrometer, spectroscope, etc. Computation of eclipses, construction of eclipse maps. Introduction to celestial mechanics. Orbits of planets and satellites. Three hours credit.

BIOLOGY

1. Introductory Zoology. An introduction to the elements of general morphology and physiology. Studies are made of a graded series of invertebrate types illustrating the increase of complexity of form as correlated with division of function. More detailed examination is made of those groups which include many parasitic forms. Two lectures, one quiz hour, and four laboratory hours per week. First semester. Four hours credit.

2. Comparative Anatomy of the Vertebrates. An intensive study of type forms. The value of the structure studied as basal elements of vertebrate anatomy and the principles of homology in the various groups are elaborated in the lectures. Two lectures, one quiz, and four laboratory hours per week. Second semester. Four hours credit.

3. *Embryology (General). Maturation, fertilization, cleavage in various typical forms. Gastrulation and embryo formation in the Chordates. Acrania, Pisces, Amphibia, and Aves are studied and compared with some care. Two lectures, one quiz, and four laboratory hours per week. First semester. Prerequisite, Zoology 1 and 2 or equivalent. Four hours credit.

4. *Embryology (Organogeny.) A continuation of Course 3. A study of the development of systems based on laboratory work on the chick and pig. Two lectures, one quiz, four laboratory hours per week. Second semester. Prerequisite, Courses 1, 2, 3, or their equivalent. Four hours credit.

CHEMISTRY

1-2. General and Inorganic Chemistry. A course of experimental lectures and problems combined with laboratory work. The laboratory work of the second semester includes a brief course in

*Not given in 1921-1922.

qualitative analysis. 1a, 2a. Lectures 2 hours a week. Both semesters.
1b, 2b. Laboratory 4 hours a week. Both semesters.

3. **Qualitative Analysis.** Six hours a week. One semester. Pre-requisite: Course 1-2. Eight hours credit.

4. **Quantitative Analysis.** Lectures and laboratory work. 8 hours a week. One semester. Prerequisite: Courses 1-2 and 3. Three hours credit.

5-6. **A Combined Course in Inorganic Chemistry and Analytic Chemistry.** Covers compendiously and necessarily with less thoroughness the essential matter of Courses 1-2, 3 and 4. For those who are not taking Chemistry as their major. Four hours credit.

5a-6a. Lectures 2 hours a week. Both semesters.

5b-6b. Laboratory 4 hours a week. Both semesters. The second semester of laboratory is devoted to analytical work, qualitative and quantitative. Eight hours credit.

7. **Organic Chemistry.** Prerequisite, Courses 1-2 and 3 or 4.

7a. Lectures 2 hours a week. One semester.

7b. Laboratory 4 hours a week. One semester. Four hours credit.

9-10. ***Physical Chemistry.** 9a-10a. Lectures 2 hours a week dealing with the general principles of the subject, with the properties of matter and its phase and energy relations. Two semesters.

9b-10b. *Laboratory 4 hours a week. Measurement of densities of gases and liquids, of boiling points and freezing points; practice with spectrometer, polarimeter, refractometer and various physico-chemical apparatus. Prerequisite: Physics, Courses 1, and Chemistry, Course 1. Two semesters. Eight hours credit.

11. **Analytical Chemistry.** Qualitative and Quantitative Analysis. Lectures 2 hours a week. Laboratory 4 hours a week. One semester. Four hours credit.

ECONOMICS

1. **Principles of Economics.** The economic principles involved in the production, exchange, distribution and consumption of wealth. Study of textbook supplemented by lectures, discussions and assigned readings. Three hours credit.

2. **Economic History of the United States.** The development of agriculture, commerce and manufacturing industry from Colonial times to the present day. Study of textbook with assigned readings on special topics. Three hours credit.

3. **Money and Banking.** The study of the nature and functions of money; monetary systems and standards; the principles of commercial banking. Three (or two) hours a week. Three (or two) hours credit.

4. **The Distribution of Wealth.** A more advanced treatment of the problems arising out of the distribution of wealth. Theories concerning rent, profits, interest and wages, Discussion of proposed remedies for inequality of distribution: Single tax, government ownership, profit-sharing, co-operative enterprise, etc. Three hours credit.

5. **Law and Public Welfare.** A study of legislative measures dealing with the protection of life and health in industry; employment of women and children, regulations of hours of labor, minimum wages, the relief and prevention of poverty. Two hours credit.

*Not given in 1921-1922.

6. *Industrial Organizations. A study of the development of modern industry along the lines of large-scale production and corporate organization. Prerequisite: Economics 1, Two hours credit.

20-21. Elementary Accounting. Two hours a week throughout the year. Four hours credit.

These courses are not open to Freshmen (except to Freshmen in the Department of Commerce).

EDUCATION

1. Philosophy of Education. The principles underlying all Christian education, and the relative values of different educational agencies and curricula when tested by these principles: Lectures, discussions, required reading and reports. Three hours credit.

2-3. General Psychology. (Philosophy 3-4.) Beginning with an explanation of the cerebro-spinal nervous system, this course leads on to the study of the phenomena of sensuous and rational life, and then treats of the origin, nature and destiny of the human soul, and the union of soul and body. Must accompany or precede Course 7. Required of Juniors. Three hours credit.

4. Educational Psychology. A study of established psychological processes and procedure; prevalent errors in psychology and their influence on recent and contemporary educational theory and practice; physical growth and mental development; the psychology of adolescence; instinct, heredity and individuality; attention, interest, appreciation, association, memory and habit, and their application to the problems of education and the class room. Courses 5-6 prerequisite and essential. Three hours credit.

5. History of Ancient and Mediaeval Education. The development of educational ideals, systems, institutions and methods of early times, through Jewish, Greek, Roman and early Christian civilization, down to the Renaissance. Two hours credit.

6. History of Modern Education. The Renaissance and humanistic studies; effects of the Reformation; Catholic reaction; the Jesuits and higher education, a survey of systems, movements and tendencies in educational ideals and methods during the sixteenth, seventeenth, eighteenth and nineteenth centuries; recent and contemporary educational thought and tendencies in England, France and Germany, and especially in the United States. Lectures, readings and investigations of special problems.

7. History of Education. A brief survey of educational theory, institutions and practice during ancient and modern times with special emphasis on the more recent educational movements of Europe and America. Three hours credit.

8. School Management. The meaning and aim of the educative process and the function of this aim in class-room organization and control; motivation of school work; routine procedure; gradings and promoting; the real function and character of the curriculum; assignments, study and recitations; the effective measurements of school processes and products; the influence of personality upon the professional effectiveness of the teacher; professional ethics.

Three hours credit.

*Not given in 1921-1922.

9. High School Administration. An investigation of the problems, aim, organization and procedure in the administration and supervision of secondary schools, public and private; the relationship of superintendent, principal, teachers, parents and pupils; certification of teachers, rating of teachers and teaching efficiency; school surveys, standardizing agencies, processes and progress; school construction, equipment and control. Three hours credit.

10. Principles of Secondary Education. The development of secondary education in America and in other countries; its relation to elementary and higher education; program of studies, criteria of subject values; history, purposes, organization and methods of the Junior high school; vocational and industrial education; organization and reconstruction of curricula with reference to the various needs of typical communities and present day life; textbooks and apparatus; the psychology of high school subjects. Three hours credit.

11. Observation of Expert Teaching. A systematic observation of classes taught in Creighton University High School and a written report of such observations as outlined by the head of the department. One hour credit.

12. Practical Work in Teaching. During the second semester each student will prepare thirty recitations and teach them in Creighton University High School under the supervision of a critic teacher. Two hours credit.

ENGLISH

1. Rhetoric and Composition. A course in the essentials of Rhetoric and in the various modes of composition. Required of Freshmen who are deficient in the theory or practice of correct English. Three hours credit.

2. Advanced Rhetoric. A systematic course based on textbooks, in the theory of rhetoric, the study of style, and the requisites of the various species of writing. Required of Freshmen, as in Course 1. Three hours credit.

3. Poetry. Theories of English prosody: Saintsbury, Patmore, Lanier, Bridges, Hopkins. The part played by Latin Christian hymns in determining the metrical principle of modern languages. Italian influences in Elizabethan and Caroline verse. French influences in Restoration verse. The influence of Mallory and of the ballads on late poetry. The Romantic revival: Wordsworth and Coleridge. The Pre-Raphaelites. The Catholic revival: Patmore, Francis Thompson and others; contemporary Catholic poets. The poetry of the twentieth century. Free verse. Three hours credit.

4. The Short Story. The theory and technique of the short story; its development and various kinds. Reading and appreciation of short stories, and composition in the form. Three hours credit.

5. The English Novel. The principal purpose of this course is to study the technique of the novel and the various schools of fiction and their tendencies, with special attention to their ethical and literary value. The historical development will be briefly surveyed.

6. Oratory. The theory of oratory; analysis and study of oratorical masterpieces; historical study of the great orators. The preparation of briefs, the composition and delivery of short addresses.

speeches for occasion, debates, and at least one formal oration, will be required. Three hours credit.

7. The Technique of the Drama. The theory of the drama will be studied by means of lectures and assignments in its history and development; examples of the different forms will be analyzed; composition in dialogue, dramatic sketches, playlets, scenarios, and at least one complete drama will be required. Three hours credit.

8. Shakespeare. Shakespeare's life, influence, sources of his drama; an acquaintance by reading and assignments with the Shakespearean literature of criticism; a study of the chief plays, especially in comparison with those of other dramatists. Three hours credit.

9. The Modern Drama. The course will be confined to English and American drama, though some of the continental influences will be noted and analyzed. The more noteworthy plays of the chief dramatists from Goldsmith and Sheridan to the present will be read. Three hours credit.

10. Aesthetics and Literary Criticism. The philosophical basis of aesthetics, the elements of taste; the theory of criticism; a survey of critical standards; a study of the schools of criticism and of the work of the chief literary critics. Critical papers of assigned subjects will be required. Three hours credit.

11. English Prose. Its development; from Sir Thomas More to Dryden. The subjective essay; from Cowley to Lamb; some modern masters. The article and review, in criticism, politics, history, philosophy and religion; Coleridge, Hazlitt, Landor, Macaulay, Carlyle, Matthew Arnold, Lionel Johnson. The historians and biographers. Three hours credit.

12. Newman. His commanding position in the religious intellectual life of the nineteenth century; life and associations at Oxford; Catholic life; his philosophy of education in the "Idea of a University;" his controversial, apologetic and homiletic works; the great Christian protagonist in the warfare of modern rationalism; the acknowledged perfection of form in his prose. Three hours credit.

13. Journalism. (a) Ethics of journalism; a brief survey of the history of journalism, its development, and a discussion of its present tendencies. (b) The technology of the pressroom, news gathering and reporting; preparation of copy; copy-reading, proof-reading, interviewing and editing. Field work will be required and co-operation with the College periodicals. Three hours credit.

14-15. Early English Literature. A general survey of the origin and development of the periods to 1750; chief writers and characteristics. Two hours credit.

16-17. English Literature. An outline history of modern English literature, with required readings and assignments to cover subjects not provided for in other courses. Two hours credit.

18. American Literature. An historical survey, with especial emphasis on the chief influences and writers. One hour credit.

EVIDENCES OF RELIGION

1. Christian Revelation; The Church. Revelation in general; Christianity a revealed religion; Patriarchal and Mosaic Revelation;

divine origin of the Christian Revelation. The Church; its institution and end; Constitution of the Church. One hour credit.

2. The Church; God and Salvation. Marks and Teaching office of the Church; Holy Scripture and Tradition; the rule of Faith. God the Author and Restorer of our salvation; God considered in Himself; One in Nature; His Existence, Nature, Attributes, Unity; the Trinity.

3. Creation and Redemption. Creation; the spiritual world; the material world. Man and the Fall. God the Redeemer; the Person and Nature of the Redeemer; the work of Redemption.

One hour credit.

4. Grace and the Sacraments. Actual, habitual and sanctifying grace; infused and acquired virtues; Pelagianism, Jansenism, Naturalism and other errors refuted. The Sacraments in general; Baptism; Confirmation; the Holy Eucharist as a Sacrament and as a Sacrifice.

One hour credit.

5. The Sacraments; Morality and Virtue; Eschatology. The Sacraments of Penance, Extreme Unction, Holy Orders and Matrimony; Sacramentary errors refuted. The basis of morality; law, conscience and free will; moral good and moral evil. The Christian's duties toward God; natural and supernatural virtues; Faith, Hope and Charity; the Last Things.

One hour credit.

6. Divine Worship; Christian Perfection. Internal and external worship due to God; direct and indirect acts of worship; veneration of the Saints. The Christian's duties toward self and neighbor; works of supererogation.

One hour credit.

7. Sacred Scripture. Biblical Canonics and Hermeneutics. Fact, nature and extent of inspiration. The Bible and Science. Explanation of difficulties drawn from geology, astronomy, biology, paleontology and evolution.

One hour credit.

8. Scripture Reading. Readings from the Old and New Testament; comparative study of Greek text, and Latin and English versions.

One hour credit

FRENCH

A. Elementary French. Careful drill in pronunciation. The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the order of words in the sentence; colloquial exercises; writing French from dictation; easy themes; conversation. First semester.

Four hours credit.

B. Elementary French. (Continued.) Mastery of irregular verb forms; uses of the conditional subjunctive; syntax. Reading of graduated texts, with constant practice in retranslating into French portions of the text read; dictation, conversation. Second semester.

Four hours credit.

C. Intermediate French. Reading, conversation, prose, composition, letter-writing, exercises in French syntax. Prerequisite; French A. B. or equivalents. First semester.

Four hours credit.

D. Intermediate French. (Continued.) Grammar reviews, with special attention to problems in syntax. Detailed written abstracts of texts read. Letter-writing. Conversation. Second semester.

[Texts: Bruno, *Le Tour de la France*; Sarcey, *Le Siege de Paris*;

Renard, *Trois Contes de Noel*; Labiche and Martin, *Le Voyage de M. Perrichon*; Fortier, *Napoleon*; Chateaubriand, *Les Aventures du Dernier Abencerage*. Four hours credit.

5. Modern French Prose. The study of novels or short stories by modern French prose writers; Erckmann-Chatriar, Brazin, Chateaubriand and others. Grammar and composition based on a French text. Three hours credit.

6. French Poetry of the Nineteenth Century. Reading from Alfred de Vigny, Alfred de Musset, Lamartine and others, with an introduction to French versification. Selections committed to memory. Three hours credit.

7. French Oratory. A study of the French orators and their works; Bossuet, Bourdaloue, Massillon, Flechier; prose composition; private reading. Three hours credit.

8. French Drama. The reading of dramas chosen from such authors as Corneille, Moliere, Racine, together with a study of their lives and works. Three hours credit.

9. History of French Literature. A general survey of the history of French literature from its earliest beginnings to the close of the reign of Louis XIV; collateral reading. Three hours credit.

10. History of French Literature. A general outline of the literature of the seventeenth, eighteenth and nineteenth centuries, dealing only with writers of first importance. Three hours credit.

GEOLOGY

1. Dynamical and Structural Geology. Atmospheric, aqueous and igneous agencies and their work. Rivers. River and marine deposits. Glaciers. Earth movements. Volcanoes. Earthquakes. Classification of rocks. Metamorphism. Mineral deposits. Coal, oil and natural gas. Mountain formation and topography. Three hours credit.

2. Historical Geology. Evolution of the earth. Fossils and their significance. Geological eras, periods, epochs and corresponding systems. The prevalent species of plants and animals of the successive geological ages. The advent of man. Three hours credit.

GERMAN

A. Elementary German. This course is intended for students who have not presented German for admission. Grammar, pronunciation, colloquial exercises, easy themes, translation from prose selections. First semester. Four hours credit.

B. Elementary German. (Continued.) Weak and strong verbs; the use of the modal auxiliaries; the chief rules of syntax and word-order; selections in prose and verse; dictation based upon the readings; frequent short themes; conversation; memorizing of poems.

Readings: Baumbach, *Der Schwiegersohn*; Storm, *Immensee*; Arnold, *Fritz auf Ferien*; Wildenbruch, *Das edle Blut*.

Four hours credit.

C. Intermediate German. Rapid review of grammar; dictation; prose composition. Open to students who have credit for German A and B, or who have presented elementary German for admission. First semester. Four hours credit.

D. Intermediate German. (Continued.) The more difficult points of syntax; special problems of grammar. Reading of selected texts. Dictation and themes based upon the reading. Memorizing of poems. Second semester.

Readings: Schiller, Wilhelm Tell; Goethe, Herman und Dorothea and Iphigenie; Uhland's Poems. Four hours credit.

5. German Prose Writers. The study of novels or short stories by German prose writers; Freytag, Hauff, Herbert, Stifter, Novalis, Brentano, Eichendorff. Three hours credit.

6. German Poetry. Readings from German ballads and lyrics. Selections committed to memory. Special attention is given to the study of rhythm and metre. Three hours credit.

7. The German Epic. Dreizehnlinden, Weber; Der Trompeter von Sakkingen, Scheffel; selections from other epic poems. Three hours credit.

8. The German Drama. Dramas of Goethe, Schiller and Lessing. Selections from Ansengruber, Hebel, Wildenbruch. Three hours credit.

9. History of German Literature. A general survey of the history of German literature from its earliest beginnings to the period of Frederick the Great; collateral reading. Three hours credit.

10. History of German Literature. A general outline of the literature of the eighteenth and nineteenth centuries, dealing mainly with the writers of the first importance. Three hours credit.

11. Scientific Reading. For students preparing for scientific courses which required a facility in the reading of scientific literature. Prerequisite: German A and B.

Text: Dippold's Scientific German Reader, current scientific literature; monographs, One semester. Two hours credit.

GREEK

A-B. Elementary Greek. The course is intended for those who enter without Greek. Benner-Smyth, Beginners' Greek Book; Xenophon, Anabasis; prose composition based on Xenophon. Four hours Both semesters. Eight hours credit.

1. Homer. Selected portions of the Iliad or Odyssey; Homeric Dialect; outline of Greek epic poetry. First semester. Three hours credit.

2. Plato. The Apology and one of the Dialogues. New Testament, selections. Second semester. Three hours credit.

3. Demosthenes. Philippics; The Crown; history of the development of Greek oratory. First semester. Three hours credit.

4. Sophocles; Aeschylus. Sophocles, Antigone or Oedipus Tyrannus; Aeschylus, Prometheus, with lectures on Greek drama. Second semester. Three hours credit.

5. Euripides; Aristophanes. Euripides, Medea or Alcestis; Aristophanes, Frogs or Clouds, with lectures on the Greek comedy. Three hours credit.

6. Lyric and Pastoral Poets. Pindar and Theocritus. Pindar, selected Epinicia; Theocritus, selected Idyls. Selections from the Greek Anthology. Three hours credit.

7. Herodotus. Selections from Books I, VII, VIII and IX. Lectures on the early logographers and the beginnings of Greek prose. Three hours credit.

8. Thucydides. Selections, especially the Sicilian Expedition, Books VI-VIII. Lectures on the Greek historians and historical sources. Three hours credit.

9-10. Prose Composition. Practice in the writing of simple Greek. Both semesters. Two hours credit.

11-12. Prose Composition. An advanced course. Both semesters. Two hours credit.

12. History of Greek Literature. A general course in Greek Literature. One semester. Two hours credit.

HISTORY

1. Western Europe from the Renaissance to 1815. Sophomore or Junior year. First semester. Three hours credit.

2. Western Europe Since 1815. Sophomore or Junior year. Second semester. Three hours credit.

Courses 1 and 2 are prerequisite to all other history courses and, in view of their cultural and informational value, are required of all undergraduates. Ordinarily taken in Sophomore or Junior year.

Method of instruction is typically the informal lecture based on textbooks recommended by the Department and supplemented by oral recitations, quizzes, class-room discussion, collateral reading, written tests and occasional research tasks in the library. At least two papers designed to afford practice in original presentation of historical data are required in each course.

3. *English History to the Death of Elizabeth (1603). The fusion of Saxon and Norman elements and the gradual advance towards national consciousness with special reference to the growth of political and social institutions; the jury system, the common law, the great charters and the rise of representative government; Tudor despotism and the significance in English history of Elizabeth's reign.

With England (800-1500) taken as a vertical section of the mediaeval world, the civilization of which was homogenous to a marked degree in all the countries of Western Europe, and with the more important events and movements of the Middle Ages grouped around England as one of the chief participants therein, this course becomes similar in scope to a general course in mediaeval history. Junior or Senior year. First semester. Three hours credit.

4. *English History from the Death of Elizabeth. The Stuarts and the great struggle for popular and constitutional rights; the cabinet system of government and the rise of political parties; the Industrial Revolution and the building of the British Empire; the spread of democratic ideas, the British Empire today and the problems before it.

Courses 3 and 4 aim to present English History especially as a background and starting point for the study of American History. With informal lecture and textbook as the basis of instruction, stress is laid on the use of source-material and on methods of historical research and composition. (At least two papers designed to embody

*Not given in 1921-1922.

results of collateral reading and comparison of selected source are required in Courses 3, 4, 5, 6, 7, 8.) Junior or Senior year. Second semester. Three hours credit.

5. American History to the Reconstruction Period. This course, with the following, aims to bring into relief the outstanding influences that have shaped the history of the United States from the Colonial Period to our own, stressing for this purpose topics of import for the social, economic and political development of the nation. Junior or Senior year. First semester. Three hours credit.

6. American History since the Reconstruction Period. Supplementary to Course 5, with similar aims and methods of instruction. Bears in its later phases on conditions and circumstances that led to America's participation in the Great War, with the resulting stimulus to a clearer national consciousness of the significance and value of American citizenship. Junior or Senior year. Second semester. Three hours credit.

7. Ecclesiastical History. Origin and early expansion of Christianity; persecution; heresies; Councils; mediaeval union of Church and State; foreign missions, mediaeval and modern; disruption of Christian unity in the sixteenth century; the papacy and the popes. The course aims to show in sequence the reverses and vicissitudes of the spiritual kingdom of Christ. Junior or Senior year. One semester. Three hours credit.

8-9. Special Topics in European History. Courses dealing intensively with certain outstanding events, movements and institutions of direct bearing on the history of the Church. Topics thus treated will be, among others, the Origin and Early Influence of the Papacy, the Temporal Power of the Pope, the Holy Roman Empire, the Controversies over Investitures, Mediaeval Religious Life, the Mendicant Friars, Mediaeval Universities, the Great Schism, the Collapse of Religious Unity in the Sixteenth Century, the Catholic Reaction, Missionary Enterprise in the Spanish Colonies, etc. Research courses giving opportunity to the student to deal freely with source-material and to compare his findings with the treatment of the topics in the best secondary authorities. Senior year. Both semesters. Six hours credit.

10. Contemporary History. A course aiming to apply the methods of historical evidence and research to current events. Senior year. One semester. Two hours credit.

11. Historical Methods. The principles of historical evidence, the processes of historical research, scientific method in history, the rival claims of literature and science in historical composition, biography. Senior year. One semester. Two hours credit.

LATIN

A-B. Elementary Latin. Daily practice in oral and written themes; essentials of syntax. First semester. Caesar, *De Bello Gallico*, four books; thorough study of syntax with frequent themes. Bennett's *New Latin Prose Composition*. Second semester.

C. Cicero; Sallust. Orations against Catiline I—III; selections from *De Senectute* and the *Bellum Catilinae*. Themes from Bennett's *New Latin Prose Composition*. Four hours credit.

D. Vergil; Cicero. Aeneid, translation and interpretation with studies in Greek and Roman mythology. Cicero, *Pro Lege Manilia*. Themes as in Course C. Four hours credit.

The above courses, A, B, C, and D, are intended for students who enter with insufficient preparation in Latin, but will not be accepted in fulfillment of the required college Latin.

1. Vergil; Horace. Vergil, Aeneid VII-XII, selections; Horace, *Ars Poetica*. Selections from Christian Hymnology. First semester. Three hours credit.

2. Livy. Book XXI; Book XXII, selections; a study of Livy's style; elements of change from the prose of the Ciceronian age. Second semester. Three hours credit.

3. Horace; Cicero. Horace, selected Odes and Epodes; Cicero, *Pro Milone*, with special references to its rhetorical and argumentative qualities; *De Amicitia* or *De Senectute*. First semester. Three hours credit.

4. Horace; Tacitus. Horace, selected Epistles and Satires; a study of the chief characteristics of Roman satire; Horace's philosophy of life; Tacitus, *Agricola* and *Germania*; the prose of the empire. Second semester. Three hours credit.

5. Cicero; Juvenal. Cicero, *Quaestiones Tusculanae*, with a study of his position as a philosopher; Juvenal, selected Satires. One semester. Three hours credit.

6. Plautus; Terence. Selected plays. One semester.

Three hours credit.

7. Pliny; Seneca. The letters of Pliny the Younger, with a study of literature and social conditions at the end of the first century after Christ; Seneca, selected letters. One semester.

Three hours credit.

8. Roman Political Institutions. The king, the gentes, the patricians, the clients; the rise and growth of the Republican Constitution, the senate, the magistracies, the people, the assemblies, etc. One semester. Two hours credit.

9. Latin Composition. Principles of Latin idiom and style. Kleist's *Aids to Latin Composition*. Required of students taking Courses 1 and 2. First semester. One hour credit.

10. Latin Composition. A continuation of Course 9. Second semester. One hour credit.

11. Latin Writing. Advanced course. Translation of selected passage from English classic authors. Kleist's *Practical Course in Latin Composition*. Intended to accompany Courses 3 and 4. First semester. One hour credit.

12. Latin Writing. A continuation of Course 11. Second semester. One hour credit.

13. Ecclesiastical Latin. Hymns and homilies, selected from the *Breviary* and other sources. One semester. Two hours credit.

14. History of Roman Literature. A general course in Roman Literature. One semester. Two hours credit.

MATHEMATICS

A. Advanced Algebra. A course for those who present but one unit of Algebra for entrance to college. The work starts with a review of Elementary Algebra, and then takes up such subjects as are usually given in a third-semester high-school course of Algebra. Can be counted only as an elective. Two hours credit.

B. Solid Geometry. A course for those who have not had solid geometry in high school. Cannot be counted in fulfillment of the requirements in Mathematics. Two hours credit.

1. College Algebra. After a brief review of the foundations, the following topics are treated: Variables and functions, linear and quadratic equations, determinants, logarithms, undetermined coefficients, complex numbers, binomial theorem, theory of equations, and series. For Freshmen. Prerequisite: Entrance Algebra, one and one-half units; and Plane Geometry. Three hours credit.

2. Plane Trigonometry. The six elementary functions for acute angles; goniometry; solution of the right and oblique triangles; graphs of the functions and solution of simple trigonometric equations. For Freshmen. Three hours credit.

3.4. Algebra; Trigonometry; Analytic Geometry. A course in unified mathematics, embracing the topics of Algebra and Trigonometry outlined above, and the elements of Analytic Geometry. Open to Freshmen, who present at least two and one-half units for entrance. Six hours credit.

5. Spherical Trigonometry. The right spherical triangle, Napier's rules, formulas and methods for the solution of the general triangle. Open to students who have had Mathematics 2. Two hours credit.

6. Surveying. The theory, use and adjustment of instruments; methods of computation and arrangement of data; practical field work and topographic map-making. Three hours credit.

7. Plane Analytic Geometry. Loci and their equations. The straight line; the circle; the parabola, ellipse, and hyperbola; transformation of co-ordinates; polar co-ordinates. Open to Sophomores and Juniors. Three hours credit.

8. Solid Analytic Geometry. An introductory treatment of the point, plane, straight line, and surfaces of revolution. Open to Sophomores and Juniors. Three hours credit.

9. Differential Calculus. Fundamental notions of variables; functions, limits, derivative and differentials; differentiation of the ordinary algebraic, exponential and trigonometric functions with geometric applications to maxima and minima, inflexions, and envelopes; Taylor's formula. Open to Sophomores and Juniors. Three hours credit.

10. Integral Calculus. The nature of integration; elementary processes and integrals; geometric applications to area, length, volume and surface; multiple integrals; use of infinite series in integration; introduction to differential equations. Open to Sophomores and Juniors. Three hours credit.

11. Methods of Teaching Mathematics. A course for those who expect to teach high-school mathematics. Open to students who have completed Mathematics 8 and 9. Will not be counted towards a major. Two hours credit.

MILITARY SCIENCE AND TACTICS

Enrollment in the Reserve Officers' Training Corps unit is prescribed for all students in the College of Liberal Arts, during Freshman and Sophomore years. To be eligible for enrollment the student must be a citizen of the United States, whose bodily condition indicates that he is physically fit to perform military duty, or will be so upon arrival at military age. No member of the Army, Navy, or Marine Corps of the United States, or of the National Guard or Naval Militia, shall be eligible for membership in the Reserve Officers' Training Corps. Members of the National Guard may be discharged therefrom by the Adjutant General of the State, upon presenting evidence of enrollment in the Reserve Officers' Training Corps. Excuses from enrollment will be granted only on certificate of physical disability.

Upon enrollment in the Reserve Officers' Training Corps each student will be supplied by the United States with his complete uniform, except shoes. At time of registration each student liable for military training as above outlined, will deposit with the Treasurer of the University the sum of \$25.00 to cover loss or damage to uniforms or other equipment, the property of the United States, which may be issued to him. Such portion of this deposit as is not required to replace loss or repair damage will be refunded to the student on his departure from the University on an order signed by the Commandant of the Cadets.

A minimum of three hours per academic week is required of first and second year students and five hours per week for third and fourth year electives.

In addition to the prescribed work a student is permitted to elect military study to the maximum of 8 semester-hours, and will receive for work satisfactorily completed regular college credit counted in the 128 hours required for graduation.

The course of theoretical study and the practical instruction constitute a progressive course covering a period of four years, of which the last two are elective. Those who continue the work electively, after completing the two years of required work, are paid commutation of rations by the United States at the rate of about fifty cents per day. Such payment is contingent upon an agreement, in writing, by the student to attend one summer camp of six weeks duration.

After graduation a graduate of the Reserve Officers' Training Corps may be commissioned as an officer in the Officers' Reserve Corps of the United States, or may be temporarily commissioned with a unit of the regular army for the period of six months with pay at \$100.00 per month and allowances. Upon completion of this period of training such officer is enrolled in the Officers' Reserve Corps. The object of this course of training is to fit the graduates of the Reserve

Officers' Training Corps for the duties of commissioned officers in time of war or threatened war.

PHILOSOPHY

1. Formal Logic. This will comprise the customary treatment of formal logic with added emphasis on inductive reasoning and the informal reasoning of everyday life and of literature. Required of Juniors. One semester. Three hours credit.

2. Introduction to Philosophy. This course sets before the student the meaning and scope of philosophy and introduces him to the principal problems of philosophic discussion; the problem of reality, the problem of knowledge and the problem of conduct. One semester. Three hours credit.

3. Psychology. Beginning with an explanation of the cerebro-spinal nervous system, this course leads on to the study of the phenomena of sensuous life; sense perception, imagination and memory. sensuous appetite, movement and feeling. Required of Juniors. First semester. Three hours credit.

4. Psychology. A continuation of Course 3, embracing the study of the phenomena of rational life; the origin and development of intellectual concepts, rational appetency, free-will and determinism. The later part of the semester is given to rational psychology; the origin, nature and destiny of the human soul, the union of the soul and body. Required of Juniors. Second semester. Three hours credit.

5. Metaphysics. In this course are treated the subjects usually included under Ontology and Cosmology: the notions of being, act and potency, substance and accident, relation and cause; the origin of the material universe; the constitution of inorganic bodies, organic life, the laws of physical nature, miracles. Required of Seniors. First semester. Three hours credit.

6. Metaphysics. The first part of this course is devoted to Natural Theology, including: the idea of God, the proofs for the existence of God, the attributes of God, and free-will, the divine action in the universe, providence.

The second part of the course is taken up with questions of epistemology: truth and error, the nature of fact of certitude, the value of human testimony, the criterion of truth. Required of Seniors. Second semester. Three hours credit.

7. Ethics. In this course are treated the subjects belonging to general theory; the nature of the moral act, the distinction between moral good and moral evil, moral habits, natural and positive moral law, conscience, rights and duties. Required of Seniors. First semester. Three hours credit.

8. Ethics. The application of the general principles of ethics to particular, individual and social rights and obligations: the right to property, life, honor; the rights and obligations of domestic society, marriage and divorce, civil society, its nature and forms; the rights of civil authority; church and state; the ethics of international relations, peace and war. Second semester. Three hours credit.

9. History of Ancient Greek Philosophy. In ancient Greek philosophy attention is directed primarily to the teachings of Socrates, Plato and Aristotle and to the systems of Stoicism and Epicureanism. Plotinus is taken as representative of the Alexandrian movement; and St. Augustine is studied as the most conspicuous example of the early Christian philosopher. This course is carried on by means of lectures and recitations and the reading of representative selections. Turner's History of Philosophy is used as the basis of lectures and recitations. First semester. Three hours credit.

10. History of Mediaeval and Modern Philosophy. In the study of mediaeval philosophy attention is centered on the origin and development of Scholastic philosophy and on the system of St. Thomas as the most complete synthesis of mediaeval thought. In the division of modern philosophy, Descartes, Locke, Hume, Kant, Hegel and Spencer are taken for special study. Among present day tendencies, the revival of Scholasticism and the trend towards realism are noticed. De Wulf's Mediaeval Philosophy is made the basis of the treatment of Scholastic Philosophy and Turner's History of Philosophy is used as the text for modern systems. Lectures, recitations, readings and discussions. Two hours credit.

11. Experimental Psychology. A laboratory course dealing with the phenomena of sense-perception and attention. Three hours credit.

21. Logic. A compendious course in logic to make students acquainted with the technical language of philosophy and with the formal and informal processes of reasoning. The second part of the course deals with the science of knowledge, with truth and error, the nature and degrees of certitude, the value of human testimony, the criterion of truth. Three hours credit.

22. Psychology and Ethics. A compendious course embracing rational psychology, the origin nature and destiny of the human soul, the union of the soul and body. The second part of the course deals summarily with general ethics, the nature of the moral act, the distinction between moral good and moral evil, the moral law, conscience, rights and duties. It also treats of the right to property, life and honor, the rights and obligations of domestic and civil society. Three hours credit.

Courses 21 and 22 are required of premedical and prelegal students.

PHYSICAL EDUCATION

1. Physical Training. Indoor elementary gymnastics; outdoor athletics and games. Two hours a week.

A medical physical examination is given to every student engaged in gymnasium work. No student may register in any branch of athletics without a medical examination.

2. Physical Training. Instruction in heavy apparatus, track and field athletics. Two hours a week.

3. Hygiene. The principles governing the proper care and right use of the human organism and its surroundings; the relating of hygiene to physical training. One hour; first semester.

4. Hygiene. The application of the principles of physiology and sanitary science to the conduct of physical life; personal, domestic and public hygiene and sanitation. One hour; second semester.
[May be required without credit towards graduation.]

PHYSICS

1-2. General Physics. Mechanics, Sound, Light, Heat, Magnetism and electricity. Must be preceded or accompanied by a course in Plane Trigonometry.

1a-2a. Lectures, experimental demonstrations and recitations, two hours per week. Both semesters. Four hours credit.

1b-2b. Laboratory, four hours per week. Both semesters.

Four hours credit.

3-4. General Physics. A more mathematical and more complete treatment of the general principles of the subject than that given in 1-2. Should be preceded or accompanied by a course in Plane Trigonometry.

3a-4a. Lectures, experimental demonstrations, recitations, three hours a week, both semesters. Six hours credit.

3b-4b. Laboratory two hours a week, both semesters.

Two hours credit.

9-10. Experimental Physics. Advanced laboratory work in Mechanics, Molecular Physics, Light and Heat. A few lectures are given on the theory of physical measurements and measuring instruments with special attention to the computation of results. Recommended to be taken in concurrence with Course 3-4.

Six hours per week. Two semesters. Prerequisite: Course 1-2.

Six hours credit.

11-12. Experimental Physics. Advanced Laboratory Work in Electricity and Magnetism. Accurate measurement of current, resistance, electromotive force, capacity; magnetic properties of iron and steel; use of electrometer and potentiometer; a practical study of the properties of direct and alternating currents and of the principles underlying the construction of dynamo-electric machinery. Six hours per week. Both semesters. Prerequisite: Course 7-8.

Six hours credit.

POLITICAL SCIENCE

1-2. American Government. First Semester—American National Government. The historical back-ground of the Federal Constitution and of political issues in the United States, and the organization and functions of the National Government. The President. The Cabinet. The Senate. The House of Representatives. The Supreme Court and the Subordinate Federal Courts.

Second Semester—Local and State Government in the United States. The place of the States in the Nation. The State Constitutions. The State Legislature. The State Courts. Organization and functions of administration in counties and cities. Three hours a week, both semesters. Six hours credit.

3-4. Party Politics. The development of political parties in the United States. Importance of this extra constitutional element in American Government. Party platforms. Presidential campaigns and elections. The nominating machinery; the presidential primary and the nominating convention. Party patronage. The spoils system and civil service reform. State parties and practical politics in local government. Three hours a week, both semesters. Six hours credit.

5-6. American Government and Party Politics. A more general course adapted to the needs of students who desire to make a less intensive study of the matter of courses 1-4. Three hours a week; both semesters. Six hours credit.

7-8. Constitutional Law. Fundamental principles of the United States Constitution viewed in the light of their history, development and application. The making of the Constitution. The Constitution regarded as a grant of power. Federal powers and State powers. The principle of "checks and balances." The doctrine of Judicial Supremacy. Constitutional Limitations on Legislative power. Limits of the Police Power of the States. The Guarantees of the Fourteenth Amendment. Religious Liberty. The Fifteenth Amendment and the Negro Problem. State Constitutions. Three hours a week; both semesters. Six hours credit.

9. Comparative Government. A comparative study of the governmental organization and administration of the principal European Nations. Three hours a week, one semester. Three hours credit.

10. Principles of Political Science. Origin and fundamental nature of the state. Its foundation upon the consent of the governed. Its stability. Purpose of government. Nature of right, liberty and law. Three hours a week, one semester. Three hours credit.

PUBLIC SPEAKING

1. Principles of Vocal Expression. Practical training in the fundamentals of effective speaking. Instruction on the management of the breath; methods of acquiring clear articulation; correct and refined pronunciation; direct, conversational and natural speaking; inflection; qualities of voice and their use; purity, range and flexibility of tone. Individual criticism and conference with the instructor. One hour credit.

2. Gesture and Technique of Action. The study of poise; posture. movement and gesture; spontaneity of expression; correction of mannerisms; power and pathos; ease, grace and effectiveness of delivery. Class exercises, criticism and conferences. One hour credit.

3. Argumentation and Debating. A practical training for those students who have taken or are taking the course in oratory prescribed under English 5. Thought development; division and arrangement; argumentative, persuasive and demonstrative speeches; a finished argument and the fallacies of argument; the essentials of parliamentary law and practice; manner of conducting deliberative assemblies. Class exercises. Individual criticisms and conferences. One hour credit.

4. The Occasional Public Address. Informal public addresses; the presentation of business propositions before small or large audiences; impromptu and extempore speaking; after-dinner talks. Speeches for various occasions. Class exercises, individual criticism and conferences. One hour credit.

5-6. Practical Oratory and Debating. This course is open to all students of the college. Its aim is to afford special training in public speaking. To this end strict parliamentary practice is followed throughout. The literary and oratorical exercises include declamations and elocutionary reading; criticism and discussion of interpretation and delivery; the composition and reading of short stories, poems and essays; orations illustrative of rhetorical principles; extemporaneous speaking; the knowledge and application of parliamentary law; debates. Two hours credit.

SOCIOLOGY

1. Social History. A survey of ancient, mediaeval and modern social movements. Social value of Mosaic laws and Christian practice with special emphasis on industrial democracy. A review of modern reforms, factory legislation, workingmen's compensation, social insurance, profit sharing and industrial co-operation. The Church in modern social problems. Three hours credit

2. General Sociology. An introduction to the scientific study of social problems and their relation to the family and the individual. A study of natural resources, population, immigration, labor organization, woman and child labor. Also problems of poverty, crime, housing, with a survey of preventive work relating to the poor, defectives and delinquents. Three hours credit.

3. Social Ethics. An application of Christian ethics to economic and social phenomena. The origin and development of the family, marriage, and the social order. The ethics of property, liberalism, socialism and communism; capital and labor combines, strikes, lock-outs and boycotts; public ownership and control; monopolies and modern finance; public health, control of education, traffic etc.

4. Organized Charity. A study of conditions affecting the family and community. Social treatment and application in the case of dependents and delinquents. The purposes and methods of investigation, diagnosis and treatment studied by means of selected cases. Co-operation of public and private agencies is studied, and inspection visits made to important institutions. Three hours credit.

SPANISH

A-B. Elementary Spanish. Grammar: De Vitis. Parts of speech; regular conjugations; study of the Indicative Mood, difference of tense meanings; Imperative; use of the simpler idioms. Pronunciation, composition and conversation. Pittaro's Spanish Reader. Credit not given unless the full course is completed. Four hours credit.

C-D. Intermediate Spanish. Advanced grammar; idiomatic uses of the prepositions; irregular verbs, verbs requiring a preposition. Composition and conversation. Reading: Alarcon, El Capitan Veneno; Colona, Lecturas Recreativas. Three hours credit.

5-6. Composition and Conversation. Open to students who have completed Course A-B or who have presented two units of Spanish for admission. Cool: Spanish Composition and Conversation; Valers, El Pajaro verde; Alarcon, ovelas Cortas. Two hours, both semesters.
Four hours credit.

7. Commercial Spanish. Must be preceded by or taken concurrently with Spanish C-D. Practice in colloquial Spanish, commercial forms, letter-writing and advertisements. Luria, Correspondencia Commercial; current journals and other literature.
Three hours credit.

8. Classical Prose. Selections from Cervantes, Don Quixote de la Mancha; St. Theresa, Life; Ribadeneira, Historia del Cisma de Inglaterra, selections. Kelly, History of Spanish Literature.
Three hours credit.

9. Classical Poetry. Fray Luis de Leon, poesias; Romancero general (Duran); Jorge Manrique, Coplas, selections.
Three hours credit.

10. Modern Prose. Luis Coloma, Jeromin, Boy, La Reina Martin; Jose Maria Pereda, Penas arriba, Cuentos y novelas; Saj, Europa salvaje; Fernan Caballero, La Gaviota, Clemencia; Valvuen, Estudios criticos.
Three hours credit.

11. Modern Poetry. Selections from the writings of Alberto Risco, Jose Selgas, Nunez de Arce, Zorilla.
Three hours credit.

12. Spanish Drama and Oratory. Classical period; selections from the writings of Calderon and Lope de Vega. Modern period: Tamayo y Baus, Los hombres de bien, Lances de honor; Nunez de Aroe, El haz de lena. Oratory. Donoso Cortes and Nocedal, Discursos.
Three hours credit.

STUDENT ORGANIZATIONS

1. The Sodality of the Immaculate Conception. The Sodality is an organization of Catholic students who propose to aim at a more than ordinary degree of earnest and practical Christian virtue. To attain this end the principal means employed is devotion to the Blessed Virgin Mary, Mother of God, by the study and imitation of her virtues, and by practices of piety and her honor; because the Mother of Christ, who was so intimately associated with Him during His earthly life, in the work of redemption, is still close to Him in Heaven and intensely active and powerful for our sanctification.

The purpose of the Sodality, however, is not limited to fostering the personal piety of the members. It aims, furthermore, at instructing them in methods of Christian zeal and charity, and stimulating them to the performance of social works. The result is to make them at once devout Christians and men of action such as the social needs of the present day demand.

At the weekly meeting the Little Office of the Blessed Virgin is recited, and an appropriate instruction or exhortation is given by the Director, a member of the Faculty.

2. The Apostleship of Prayer—League of the Sacred Heart. To encourage devotion to the Sacred Heart and to enable the students to acquire, while at College, the zeal for the interest of Our Lord, which is so general among the laity of the Catholic Church, the Apostleship of Prayer was established in 1879, and since then few of the students of the College have failed to have their names enrolled as active members.

3. The St. John Berchmans Sanctuary Society. The object of this society is to contribute to the beauty and the solemnity of Divine worship by an accurate observance of the liturgic rites and ceremonies, and to afford students the privilege of serving at the altar.

4. The Creighton Oratorical Association. Organized in 1884, this society, as its name implies, trains its members for readiness and fluency in speaking before an audience. To this end likewise tends the attention paid to historical study and to composition. Meetings are held on Thursday evenings, and debates alternate with orations, recitations and literary essays. A public debate is held annually. During the past few years the Mrs. John Schultz prize has been assigned to this debate. The society has held membership in the Nebraska State Oratorical Association since 1899.

5. The Creighton College Band. This organization dates back to 1906. It is now a military unit forming an integral part of the R. O. T. C. The band gives students of musical ability an opportunity for self-improvement, and at the same time enables them to minister to the enjoyment of the public and of their fellow students. Practice is held twice a week.

6. The Creighton College Orchestra. This organization was formed in 1906. Besides offering free instruction in instrumental music, it enables its members to contribute to the enjoyment of their fellow students and the public, at entertainments given by the College. The orchestra possesses a large musical library.

7. The Glee Club. The Glee Club was re-organized in 1919. An annual tour of near-by cities is made, followed by a public concert in Omaha.

ALUMNI ASSOCIATION

The Alumni Association of the College of Arts was organized October 26, 1903, but on December 21, 1913, was merged into the Creighton University Alumni Association, which is recruited from the ranks of the Alumni of the Colleges of Law, Medicine, Dentistry, Pharmacy and Arts and Sciences. The purpose of the Creighton University Alumni Association, or the Pan-Alumni, as it is usually called, is to foster the bond of union between the graduates of the various colleges and to provide a convenient means for participation in University tasks. Graduates of the College of Arts are admissible as are also students who attend the Arts College for at least two years, provided their class has graduated.

The Arts Alumni was reorganized in May, 1920. The officers are:

| | | |
|---------------------------|-------|---------------------|
| Thomas J. McShane, '99 | ..... | President |
| William P. Sternberg, '07 | ..... | Secretary |
| Bert Murphy, '04 | ..... | Executive Committee |
| Frank O. McCaffery, '04 | | |
| Edgar Armstrong, '09 | | |
| Rev. I. A. Hamill, S. J. | | Moderator |

ATHLETIC BOARD

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Joseph F. Byrne
Edward A. Creighton
Dr. L. A. Dermody
J. H. Hopkins
R. J. Madden
E. Melady

Bert Murphy
F. O. McCaffery
W. J. McCaffery
T. P. Redmond
Rev. W. J. Corboy, S. J.
Faculty Director

ACKNOWLEDGMENTS

Creighton College, like all private educational institutions, is dependent on its friends and patrons for aid in the prosecution and development of its work. The President and faculty wish to express their thanks to those who have been active in forwarding the interests of the College.

DONORS OF MEDALS

Right Reverend P. A. McGovern, D. D., Bishop of Cheyenne.

Mr. Thomas J. McShane.

Knights of Columbus, Omaha Council No. 652.

Ancient Order of Hibernians.

DONATIONS TO PHYSICS DEPARTMENT

Sophomore B. S. Class 1919-1920: A Tesla Coil.

United States Coast and Geodetic Survey: An 8-inch Theodolite.

Sophomore B. S. Class, 1920-1921: A wireless telephone transmitting outfit.

DONATIONS TO CHEMISTRY DEPARTMENT

Mr. Frank C. Svoboda: Chemical materials.

DONATIONS TO LIBRARY

- Knights of Columbus: Catholic Encyclopedia, K. of C. Edition, Complete set, 16 volumes.
- Rev. P. J. Judge: Life of Father Wm. Doyle, S. J.
- Rev. J. J. Phelan: Motion Pictures in Toledo, Ohio.
- Pharmacy Students: The Review.
- A Friend: The Student's Chancer.
- Mr. James Hayes: The Grave of Dreams:
- Michigan Historical Commission: Historic Mackinac, 2 Vols.
- Rev. M. Scott, S. J.: Convent Life.
- Mr. Bernard Corr: Memorial of Most Rev. John J. Williams.
- A Friend: New Testament, Greek and Latin.
- A Friend: The Practice of Self-Culture.
- A Friend: The Nun, Her Character and Work.
- Mr. Walter E. Segsworth: Retraining Canada's Disabled Soldiers.
- Mr. Jas. J. Walsh: Thirteenth, Greatest of Centuries.
- A Friend: Jeremiah Day's Introduction to Algerba, 1814. Huneker's Steeplejack, 2 Vols.
- Rev. Joseph P. Conroy, S. J.: 2 Volumes.
- Mrs. R. A. Johnson: Alfred Noyes' Collected Poems, 3 Vols.
- Mr. John E. McGirr: Life of Right Rev. Wm. Quarter, D. D.
- Nebraskaa State Hist. Society; Publications 1919.
- University of Chicago: Mineral Collections in Illinois State Museum.
- Sr. M. Angela: "Daisy." Snapshots by The Way." "Margaret."
- Mr. P. Johnson: Practical Methods To Insure Success.
- Mr. Edward Nash: Europe and The Faith.
- Mr. Robert Burkley: Studies in Church History.
- American Association for the Recognition of the Irish Republic, Omaha Chapter: 4 Volumes.
- Mr. Frank P. Walsh: 4 Volumes.

DEGREES CONFERRED, 1921

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| WALTER JOHN CONNOR | WALTER CYRIL NALTY |
| ALBERT DANIELSON | DAVID LEO RATER |
| LYLE WILLIAM DORAN | WILLIAM JEREMIAH REEDER |
| THOMAS YULE DORWART | ALBERT JOSEPH SCHWEDHELM |
| HAROLD VINCENT DWYER | MATTHEW JOSEPH SEVERIN |
| BENJAMIN FRANKLIN EWING | FRANCIS EDGAR SHOVLAIN |
| EDWARD LAWRENCE GROWNEY | LESTER JAMES SPINHARNEY |
| ALOYSIUS CHARLES KOEHLER | MICHAEL ALOYSIUS WELBES |
| FELIX OLIVER KOLDA | FRANK NICHOLAS WEBER |

FIRST GRADE TEACHER'S CERTIFICATE

| | |
|-----------------------|-----------------------------|
| CHARLES CYRIL CHARVAT | BENEDICT MICHAEL McCONVILLE |
|-----------------------|-----------------------------|

IN THE NEBRASKA STATE ORATORICAL CONTEST

SECOND PLACE WAS WON BY

J. HARRIS LYNCH, '23

IN THE INTERCOLLEGIATE ENGLISH CONTEST

(The students of eleven Jesuit Colleges participating).

Second Place was won by ROBERT W. BURKLEY, '22, and
Sixth Place by FRANCIS J. WICKHAM, '23.

IN THE INTERCOLLEGIATE LATIN CONTEST.

(The students of eleven Jesuit Colleges participating).

Tenth Place was won by FRANCIS J. KASTL, '23.

AWARD OF MEDALS AND PRIZES

| | |
|---|-----------------------------------|
| Seinor Class, Philosophy Medal..... | Brendan F. Brown, '21 |
| Prize Essay in Evidences of Religion..... | William M. Derig, '22 |
| Oratorical Medal | J. Harris Lynch, '24 |
| Schultz Prize for Debating..... | { 1st, Robert H. Patton, '24 |
| | { 2nd, Harry V. Burkley, Jr., '21 |
| Elocution Medal | Thomas J. McGovern, '21 |

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Catalog of Students
1920-1921

Abbreviations—Sp. (Special). Numbers (1, 2, 3, 4) indicate the year of the course.

| | |
|-----------------------------|---------------------------|
| AETS, FRANK J. (2) | Randolph, Nebraska |
| AITCHISON, LEE R. (1) | Omaha |
| ANDERSON, JAMES (Sp.) | Omaha |
| AREHART, ARTHUR A. | Milford, Nebraska |
| ARNOLD, HARRY J. (2) | Omaha |
| ASH, LAFE J. (2) | Atlantic, Iowa |
| BALL, JOSEPH A. (1) | Council Bluffs, Iowa |
| BANNON, MICHAEL E. (1) | Emerson, Nebraska |
| BARKMEIER, JOSEPH H. (3) | Exeter, Nebraska |
| BARKMEIER, LOUIS F. (1) | Exeter, Nebraska |
| HARRY, WILLIAM M. (4) | Omaha |
| BARSON, SIDNEY (2) | Omaha |
| BAUMGARTEN, FRED J. (2) | Oberlin, Kansas |
| BECKER, H. LAWRENCE (3) | Sutton, Nebraska |
| BEECHWOOD, GEORGE E. (3) | Coffeyville, Kansas |
| BERCHTOLD, VICTOR E. (2) | Santa Fe, New Mexico |
| BERGER, JULIUS J. (2) | Carroll, Iowa |
| BERNEY, FRANCIS J. (2) | Horton, Kansas |
| BERNEY, PAUL W. (2) | Columbus, Nebraska |
| BLUM, ALOYSIUS A. (1) | Earling, Iowa |
| BOLIN, GERALD W. (2) | Greeley, Nebraska |
| BOLIN, LEO F. (2) | Greeley, Nebraska |
| BONES, OSCAR (2) | Fenwood, Wisconsin |
| BONNSTETTER, HAROLD J. (1) | Algona, Iowa |
| BOYLE, EDWARD F. (1) | Darlington, Wisconsin |
| BRENNAN, JOHN R. (1) | Montpelier, Idaho |
| BRODIGAN, JOSEPH P. (1) | Rodman, Iowa |
| BROWN, BRENDAN F. (4) | Omaha |
| BROWN, LAWRENCE H. (3) | Des Moines, Iowa |
| BROWN, LEO C. (Sp.) | Council Bluffs, Iowa |
| BROZ, THOMAS S. (2) | Howells, Nebraska |
| BUCHAN, George M. (Sp.) | Ashton, Iowa |
| BULLIS, JOHN W. (1) | Chicago, Illinois |
| BURKLEY, HARRY V., JR. (4) | Omaha |
| BURKLEY, ROBERT W. (3) | Omaha |
| BURT, HENRY J. (Sp.) | Omaha |
| BUSHOUSEN, FRED G. (1) | Ravenna, Nebraska |
| CAFFREY, RAYMOND J. (Sp.) | Stanford, Nebraska |
| CHARVAT, CHARLES C. (4) | Omaha |
| CHARVAT, FRANK C. (1) | Omaha |
| CHRISTENSEN, EVERETT M. (1) | Madelia, Minnesota |
| CHRISTIE, EDWARD A. (2) | Austin, Minnesota |
| CLEMENTS, JOSEPH C. (1) | Lyons, Nebraska |
| COLLINS, HAROLD F. (2) | Greeley, Nebraska |
| COLLINS, JOSEPH H. (Sp.) | Lake Wilson, Minnesota |
| COLLINS, WALTER J. (2) | Greeley, Nebraska |
| CONDON, EDWIN F. (2) | Riceville, Iowa |
| CONWAY, DANIEL W. (2) | Sioux Falls, South Dakota |
| CROWLEY, C. FELIX (1) | Omaha |
| CURNYN, MARTIN P. (Sp.) | Greeley, Nebraska |
| CURTIS, HENRY W. (2) | St. Paul, Nebraska |
| CUSICK, WILLIAM A. (1) | Omaha |
| CUSICK, WILLIAM F. (1) | Gypsum, Kansas |
| DELANEY, GEORGE A. (2) | Tacoma, Washington |
| DERJG, WILLIAM M. (3) | Wososo, South Dakota |
| DIEDERICH, FRANK G. (1) | Omaha |
| DIETER, LEONAD D. (1) | Cedar Rapids, Nebraska |
| DIHL, FRANK E. (1) | O'Keene, Oklahoma |
| DOERR, OSCAR T. (1) | Omaha |
| DOLAN, EMMETT C. (2) | Omaha |
| DOWNING, HAROLD L. (3) | Council Bluffs, Iowa |
| DOYLE, EVERETT (2) | Omaha |
| DOYLE, JAMES A. (1) | Thedford, Nebraska |
| DOYLE, JEROME W. (1) | Omaha |

- DUFFY, JAMES J. (1).....Williamsburg, Iowa
 DUGAN, Edward J. (1).....Vail, Iowa
 DUNLAY, JOSEPH J. (1).....Orleans, Nebraska
 DUCHOCHER, FRED R. (Sp.).....Denver, Colorado

 EAGEN, Elywn F. (2).....Brownsdale, Minnesota
 EDWARDS, VERNON C. (1).....Council Bluffs, Iowa
 EGAN, WILLIAM J. (1).....Omaha
 EHLERS, DONALD R. (1).....Council Bluffs, Iowa

 FARBER, HAROLD P. (1).....Omaha
 FEEHAN, WILLIAM J. (1).....Kansas City, Missouri
 FEENY, FRANCIS W. (1).....Canova, South Dakota
 FELD, CASPER A. (3).....Greencastle, Indiana
 FINNEY, WILLIAM H. (1).....Omaha
 FINOCCHIARO, Vincenzo (1).....Omaha
 FITZGERALD, FRANCIS E. (1).....Omaha
 FITZGIBBON, JOHN R. (3).....Sioux Falls, South Dakota
 FLANAGAN, JOHN J. (1).....Omaha
 FLEISHMAN, JOHN S. (2).....Omaha
 FLYNN, J. DORANCE (1).....Avoca, Minnesota
 FLYNN, HAROLD E. (1).....Slaton, Minnesota
 FOGARTY, CHARLES J. (1).....Omaha
 FOGARTY, EDWARD F. (Sp.).....Omaha
 FOLEY, JOHN J. (1).....Rodman, Iowa
 FRANZ, WILLARD F. (1).....Des Moines, Iowa
 FRASER, PAUL F. (1).....Atlantic, Iowa

 GARDING, CLARENCE J. (1).....Sartell, Minnesota
 GIERAU, HENRY J. (3).....Springview, Nebraska
 GLASS, VIRGIL S. (1).....Omaha
 GLEASON, Michael A. (2).....Omaha
 GLYNN, Lawrence V. (1).....Ottumwa, Iowa
 GRAFF, EMIL G. (3).....Omaha
 GREIF, Harold J. (2).....Lewiston, Idaho
 GROSS, JOHN L. (2).....Omaha
 GUNDERMAN, STUART A. (Sp.).....Omaha

 HALE, ALBERT E. (1).....Madelia, Minnesota
 HALLER, CHARLES M. (1).....Culbertson, Nebraska
 HANNON, NORBERT M. (Sp.).....Denver, Colorado
 HARRINGTON, BARTEL J. (1).....Dunlap, Iowa
 HAYES, Edward T. (2).....Omaha
 HEFFERMAN, WALTER J. (2).....Inwood, Iowa
 HENNEGAN, GEORGE F. (3).....Omaha
 HICKEY, BART E. (1).....Manning, Iowa
 HIER, EDWARD A. (1).....Imperial, Nebraska
 HOCH, LAMBERT L. (1).....Elkton, South Dakota
 HOFFMAN, CORBIT S., JR. (1).....Omaha
 HOGAN, CLEMENT J. (2).....Iowa City, Iowa
 HOLDEN, WALTER G. (1).....Scranton, Iowa
 HOMAN, LEO J. (2).....Sioux Falls, South Dakota
 HUMPHREY, JULIUS G. (2).....Moberly, Missouri
 HURLEY, DANIEL J. (1).....Montpelier, Idaho
 HUSMAN, LEO V. (3).....Kimball, South Dakota

 JACKMAN, CYRIL B. (1).....Emmetsburg, Iowa
 JACOBSON, ALFRED B. (Sp.).....Omaha
 JACOBSON, MERLIN C. (1).....Omaha
 JAMESON, CLARENCE J. (Sp.).....Stanberry, Missouri

 KARGACIN, NICHOLAS B. (1).....Anaconda, Montana
 KASTL, FRANK J. (2).....Omaha
 KASTL, RAYMOND M. (2).....Herman, Nebraska
 KAUP, HERMAN J. (2).....West Point, Nebraska
 KEALY, JOSEPH (2).....Hastings, Nebraska
 KEAVENY, THOMAS E. (1).....Tintah, Minnesota
 KELLY, EDMUND J. (2).....Casey, Iowa
 KELLEY, LEO J. (3).....Perry, Kansas
 KIPP, EDWARD A. (2).....Timber Lake, South Dakota

- KLAPKA, OTTO J. (1).....Clare, Iowa
 KLEIN, DANIEL A. (1).....Omaha
 KLEMM, WILLIAM J. (3).....Exeter, Nebraska
 KOEHN, GEORGE W. (2).....Elkton, South Dakota
 KOEHN, PAUL A. (2).....Elkton, South Dakota
 KRUGER, CHARLES F. (2).....Omaha
 KUHL, EDMUND J. (2).....Defiance, Iowa
 KUHN, THOMAS D. (1).....Omaha
 KULLY, HERMAN (1).....Omaha
- LEAHY, BARTHOLOMEW J. (1).....Jackson, Nebraska
 LINDLEY, ROBERT T. (2).....Bonesteel, South Dakota
 LOECKER, JOSEPH A. (2).....Atkinson, Nebraska
 LONGLEY, VIRGIL J. (1).....Omaha
 LOVLEY, LEONARD F. (1).....Elkton, South Dakota
 LYNCH, J. HARRIS (2).....Great Falls, Montana
- McALEER, ELMER C. (2).....Monticello, Iowa
 McCABE, DARREL L. (1).....Ponca, Nebraska
 MCCARTHY, ALPHONSUS M. (1).....Greeley, Nebraska
 McCONVILLE, M. BENEDICT (4).....Centerville, Iowa
 McCREARY, JAMES F. (1).....Gilmore City, Iowa
 McCULLOUGH, JAMES D. (Sp.).....Brady Island, Nebraska
 McDONALD, FRANCIS X. (Sp.).....Wichita, Kansas
 McGAN, AMBROSE V. (1).....Ewing, Nebraska
 McGLONE, HARRY F. (3).....Shenandoah, Iowa
 McGOVERN, THOMAS J. (4).....Omaha
 McGRATH, FRANK J. (1).....Omaha
 McGRATH, JAMES M. (1).....Omaha
 McGUIGAN, JAMES T. (1).....Shelton, Washington
 McGUIGGAN, FRANK J. (1).....Winnebago, Minnesota
 McLAUGHLIN, JAMES (2).....Caldwell, Idaho
 McTAGGART, WILLIAM B. (1).....Columbus, Nebraska
 MacHALE, MYRL M. (3).....Omaha
 MACRAE, DONALD (Sp.).....Council Bluffs, Iowa
 MADDOX, J. STERLING (2).....Burwell, Nebraska
 MAGUIRE, WILLIAM C. (2).....Coffeyville, Kansas
 MAHER, THOMAS M. (1).....Lexington, Nebraska
 MAILLIARD, ALFRED E. (2).....Randolph, Nebraska
 MALONEY, EDWARD S. (1).....Omaha
 MALONEY, GERALD J. (3).....Omaha
 MALONEY, HARRY M. (1).....Butte, Montana
 MALY, HENRY W. (2).....West Point, Nebraska
 MARLOW, Edgar M. (1).....Omaha
 MAYNARD, HARRY J. (1).....Adair, Iowa
 MERKLE, ROY W. (1).....Alton, Illinois
 MILEK, CHARLES P. (1).....Sturgis, South Dakota
 MILES, EUGENE F. (2).....Livermore, Iowa
 MILLER, BRADFORD (1).....Omaha
 MINGUS, CLARK J. (1).....Ravena, Nebraska
 MOHUN, MEADE (1).....Omaha
 MONTALBANO, TONY J. (1).....Omaha
 MORRISSEY, STEPHEN J. (1).....Sterling, Nebraska
 MOYLAN, JOSEPH P. (2).....Bayard, Iowa
 MULLANEY, LEO J. (2).....Belfield, North Dakota
 MULLEN, CARROL R. (2).....Omaha
 MULLIN, THOMAS D. (2).....Omaha
 MURPHY, CHARLES M. (2).....Omaha
 MURPHY, JOHN S. (1).....Hornick, Iowa
 MURPHY, JOSEPH B. (2).....Ballantine, Montana
 MURPHY, PAUL J. (1).....Omaha
- NEISIUS, FRANK A. (1).....Remsen, Iowa
 NELSON, FRANK E. (1).....Omaha
 NOLAN, ROBERT J. (2).....Missouri Valley, Iowa
 NORRIS, EDGAR W. (2).....Omaha
- OBERMAN, ISIDORE F. (1).....Omaha
 O'BRIEN, DONALD J. (2).....Omaha
 O'BRIEN, THOMAS J. (1).....McAlester, Oklahoma

- O'CONNELL, LEO F. (2).....Denison, Iowa
 O'DONNELL, CLAUDE J. (2).....Madison, South Dakota
 OLSON, WILLIAM C. (Sp.).....Omaha
 O'ROURKE, PAUL V. (1).....Omaha
 O'TOOLE, WILLIAM A. (1).....Independence, Iowa
 OTTE, JOHN B. (2).....Omaha
- PADGETT, WILBUR M. (1).....Coffeyville, Kansas
 PANKAU, JOSEPH B. (2).....Doniphan, Nebraska
 PARQUET, STEPHEN H. (1).....Woonsocket, South Dakota
 PATTON, ROBERT H. (1).....Council Bluffs, Iowa
 PFEFFER, HARRY E. (4).....Omaha
 PFLAUM, FRANCIS J. (3).....Cedar Rapids, Nebraska
 PHELAN, BASIL A. (1).....Great Falls, Montana
 PILLSBURY, WARREN H. (1).....Omaha
 PODLESAK, JAMES I. (1).....Geneva, Nebraska
 PORTER, ELMER R. (1).....Omaha
 PRIMASING, RAYMOND J. (2).....West Bend, Iowa
- QUINLAN, GERALD F. (1).....Omaha
- RAVITZ, HARRY (1).....Omaha
 READY, JAMES H. (1).....St. Joseph, Missouri
 REDDEN, JOHN J. (1).....Council Bluffs, Iowa
 REED, PURL (2).....Macedonia, Iowa
 RETTENMAIER, ALBERT J. (1).....Carroll, Iowa
 ROACH, CLARENCE R. (1).....Omaha
 RODDY, JAMES R. (1).....Union, Nebraska
 RODMAN, LESTER A. (Sp.).....Council Bluffs, Iowa
 ROWLAND, THOMAS A. (1).....Ottumwa, Iowa
 RUSSELL, FRANK P. (1).....Omaha
 RUSSELL, J. THOMAS.....Omaha
- SAULER, EDWARD C. (2).....Tilden, Nebraska
 SCANLON, CYRIL S. (2).....Lanesboro, Minnesota
 SCUELER, ANTHONY L. (2).....Catherine, Kansas
 SIMMET, PETER R. (1).....New Ulm, Minnesota
 SIRCA, DIONISIA M. (2).....Omaha
 SMERNOFF, MEYER (2).....Denver, Colorado
 SMITH, ANTHONY J. (2).....Humphrey, Nebraska
 SMITH, MARCUS A. (1).....Mt. Pleasant, Iowa
 SOHM, HERBERT A. (Sp.).....Quincy, Illinois
 SPITZNAGEL, STEPHEN A. (1).....Council Bluffs, Iowa
 SPRINGER, DELBERT A. (1).....Ottumwa, Iowa
 SPRINGMAN, PETER C. (1).....Portsmouth, Iowa
 STEHLY, FRANK J. (2).....Hecla, South Dakota
 STEHLY, THEODORE H. (2).....Hecla, South Dakota
 STUCKART, THEODORE (1).....Raymond, Iowa
 SVOBODA, ADOLPH E. (1).....Abie, Nebraska
 SVOBODA, FRANK C. (2).....Abie, Nebraska
 SVOBODA, RALPH E. (4).....Omaha
- TATE, GUY E. (Sp.).....Omaha
 THOMAS, ANTHONY L. (Sp.).....Sioux City, Iowa
 TOBIN, LEONARD W. (1).....Mitchell, South Dakota
 TOOMEY, FRANCIS E. (1).....Shullsburg, Wisconsin
 TRUMAN, GEORGE E. (2).....Des Moines, Iowa
- VALKER, LOUIS E. (2).....Grafton, South Dakota
 VAN ACKEREN, JOSEPH F. (1).....Cedar Rapids, Nebraska
 VASKO, JOHN R. (2).....Omaha
 VIEIRA, ERNEST (1).....Hilo, Hawaii
 VIZOVISEK, STEPHEN P. (1).....Omaha
- WACHTLER, FRED A. (1).....Omaha
 WALSH, MARTIN O. (1).....Omaha
 WALTERS, STANLEY J. (1).....Omaha
 WATKE, FRED M. (2).....Columbus, Nebraska
 WEARING, LEO J. (3).....Salina, Kansas
 WELCH, EDWARD F. (4).....Letcher, South Dakota

| | |
|------------------------------|---------------------------|
| WESSLY, WILLIAM (1)..... | Omaha |
| WHEELER, ALFRED H. (1)..... | Hot Springs, South Dakota |
| WHITE, FRED S. (1)..... | Omaha |
| WHITEBOOK, JACOB H. (1)..... | Council Bluffs, Iowa |
| WICKHEM, FRANCIS J. (2)..... | Alexandria, South Dakota |
| WIDHALM, CARL J. (2)..... | Humphrey, Nebraska |
| WOLF, JOSEPH C. (2)..... | Omaha |
| WRIGHT, GEORGE (1)..... | Council Bluffs, Iowa |
| YIRKA, FRANK L. (1)..... | Murdo, South Dakota |
| ZEMAN, ADRIAN J. (1)..... | Omaha |

DISTRIBUTION OF STUDENTS ACCORDING TO STATES

| | |
|-------------------|-----|
| Colorado | 3 |
| Hawaii | 1 |
| Idaho | 4 |
| Illinois | 3 |
| Indiana | 1 |
| Iowa | 56 |
| Kansas | 8 |
| Minnesota | 12 |
| Missouri | 4 |
| Montana | 4 |
| Nebraska | 139 |
| New Mexico..... | 1 |
| North Dakota..... | 1 |
| Oklahoma | 2 |
| South Dakota..... | 23 |
| Washington | 2 |
| Wisconsin | 3 |
| Total..... | 267 |

UNIVERSITY ENROLLMENT 1920-1921

| | |
|--------------------------------------|-------|
| College of Liberal Arts..... | 267 |
| College of Medicine..... | 117 |
| College of Law..... | 146 |
| College of Dentistry..... | 145 |
| College of Pharmacy..... | 73 |
| College of Commerce and Finance..... | 75 |
| High School..... | 445 |
| Summer Session, 1920..... | 571 |
| Total..... | 1,839 |

DIRECTORY

President—Rev. John F. McCormick, S. J., Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College, Twenty-fifth and California Streets, Omaha, Neb.

The Dean—Creighton College of Medicine, Fifteenth and Davenport Streets, Omaha, Neb.

The Dean—Creighton College of Law, Twenty-sixth and California Streets, Omaha, Neb.

The Dean—Creighton College of Dentistry, Twenty-sixth and California Streets, Omaha, Neb.

The Dean—Creighton College of Pharmacy, 1410 Davenport Streets, Omaha, Neb.

The Regent—Creighton College of Commerce, Accounts and Finance, Twenty-fifth and California Streets, Omaha, Neb.

The Principal—Creighton University High School, Twenty-fifth and California Streets, Omaha, Neb.

The Director—Summer Session, Creighton University, Twenty-fifth and California Streets, Omaha, Neb.

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1922/23

THE CREIGHTON UNIVERSITY BULLETIN

VOLUME FOURTEEN

NUMBER FOUR

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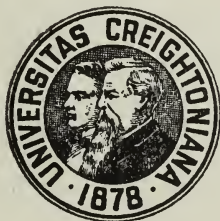
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UNIVERSITY OF ILLINOIS LIBRARY

**COLLEGE OF LIBERAL ARTS
AND SCIENCES**

ANNOUNCEMENT

1922-1923



The
Creighton University Press
OMAHA
1922

Published semi-monthly from March to June inclusive by The Creighton University, Omaha, Nebraska. Entered as Second Class matter, March 1, 1919, at the Post Office at Omaha, Nebraska, under the Act of July 16, 1894.

CALENDAR FOR 1922

| SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
|---|--|--|--|
| S M T W T F S | S M T W T F S | S M T W T F S | S M T W T F S |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 |

CALENDAR FOR 1923

| JANUARY | FEBRUARY | MARCH | APRIL |
|---|---|--|--|
| S M T W T F S | S M T W T F S | S M T W T F S | S M T W T F S |
| .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 |
| MAY | JUNE | JULY | AUGUST |
| S M T W T F S | S M T W T F S | S M T W T F S | S M T W T F S |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 |
| SEPTEMBER | OCTOBER | NOVEMBER | DECEMBER |
| S M T W T F S | S M T W T F S | S M T W T F S | S M T W T F S |
| 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | .. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 | 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 |

CALENDAR

1922

| | | | |
|-----------|-----|-----------------------------|--|
| September | 6-7 | { Wednesday and Thurs. } | { Entrance Examinations. |
| September | 8 | Friday | Registration of New Students. |
| September | 9 | Saturday | Registration of Old Students. |
| September | 11 | Monday | Regular Session begins, 8 A. M. |
| September | 13 | Wednesday | Solemn Mass of The Holy Ghost. |
| September | 16 | Saturday | Conditioned Examinations. Registration closes. |
| September | 18 | Monday | Sodality organizes. |
| September | 21 | Thursday | Oratorical Society organizes. |
| November | 10 | Saturday | End of First Quarter. |
| November | 30 | Thursday | Thanksgiving Day. Holiday |
| December | 15 | Friday | Preliminary Oratorical Contest. |
| December | 18 | Monday | Subject of Prize Essay in Evidences of Religion announced. |
| December | 22 | Friday | Christmas Recess begins, 5 P. M. |

1923

| | | | |
|-----------|-----|-----------------------------|---|
| January | 3 | Wednesday | Classes resumed, 8 A. M. |
| January | 19 | Friday | Annual Oratorical Contest. |
| January | 23 | Tuesday | Mid-Year Examinations. |
| January | 30 | Tuesday | Second Semester. Annual Retreat begins. |
| February | 2 | Friday | End of Retreat. Assembly. |
| February | 7 | Wednesday | Founders' Day. |
| February | 22 | Thursday | Washington's Birthday. Holiday. |
| February | 24 | Saturday | Conditioned Examinations. |
| March | 9 | Friday | Preliminary Elocution Contest. |
| March | 12 | Monday | Evidences of Religion Essay submitted. |
| March | 29 | Thursday | Easter Recess begins. End of Third Quarter. |
| April | 3 | Tuesday | Classes resumed, 8 A. M. |
| April | 9 | Monday | Theses for Academic Degrees submitted. |
| April | 13 | Friday | Elocution Contest. |
| May | 7 | Monday | President's Day. |
| May | 10 | Thursday | Creighton Oratorical Public Debate. |
| May | 18 | Friday | Flag Day. |
| May | 30 | Wednesday | Decoration Day. Holiday. |
| June | 1 | Friday | Final Examinations begin. |
| June | 2 | Saturday | University Commencement. |
| September | 5-6 | { Wednesday and Thurs. } | { Entrance Examinations. |
| September | 7 | Friday | Registration of New Students. |
| September | 8 | Saturday | Registration of Old Students. |
| September | 10 | Monday | Regular Session begins, 8 A. M. |

ADMINISTRATIVE OFFICERS

THE BOARD OF TRUSTEES

REV. JOHN F. McCORMICK, S. J., President.
REV. RICHARD D. SLEVIN, S. J., Treasurer.
REV. WILLIAM P. WHELAN, S. J., Secretary.
REV. WILLIAM J. CORBOY, S. J.
REV. WILLIAM P. QUINLAN, S. J.

REV. WILLIAM J. GRACE, S. J., Dean of the College of Liberal Arts
and Sciences.

WILLIAM J. O'CONNELL, S. J., Assistant Treasurer.

REV. JOHN J. DRISCOLL, S. J., Superintendent of Buildings and
Grounds.

REV. PIERRE BOUSCAREN, S. J., Chaplain.

REV. WILLIAM T. KINSELLA, S. J., Librarian.

REV. WILLIAM J. CORBOY, S. J., Faculty Director of Athletics.

REV. PETER A. O'BRIEN, S. J., Director of St. John's Hall.

RAYMOND J. McCOY, A. B., Reference Librarian.

FRANCIS E. FITZGERALD, Assistant Reference Librarian.

RUTH KELLY, Registrar.

J. FREDERICK LANGDON, A. B., M. D., Physician.

J. RAYMOND KLEYLA, A. B., M. D., Physician.

MRS. ELLA MULVIHILL, Matron of St. John's Hall.

JAMES W. VAVERKA, Secretary to the Dean.

OFFICERS OF INSTRUCTION.

REV. BERNARD DAMILANO, S. J., Professor of Spanish.

REV. FRANCIS B. CASSILLY, S. J., Professor of Religion.

*REV. JOHN B. DeSHRYVER, S. J., Professor of French.

JOHN F. DUEHREN, A. B., Professor of French and German.

REV. THOMAS A. EGAN, S. J., Professor of Economics and Sociology.

REV. WILLIAM J. GRACE, S. J., Professor of Education.

REV. DAVID F. HICKEY, S. J., Assistant Professor of Chemistry.

MAJOR CORBIT S. HOFFMAN, Inf., U. S. A., Professor of Military
Science and Tactics.

*Died February 21, 1922.

- REV. ALFRED KAUFMANN, S. J., Professor of History.
REV. FREDERICK A. MEYER, S. J., Professor of Philosophy.
REV. PETER A. O'BRIEN, S. J., Professor of the Classical Languages.
REV. WILLIAM P. QUINLAN, S. J., Professor of Mathematics.
REV. FRANCIS X. REILLY, S. J., Professor of English.
REV. WILLIAM F. RIGGE, S. J., Professor of Physics and Astronomy.
BERNARD L. SELLMEYER, S. J., M. D., Professor of Biology.
PAUL D. SULLIVAN, S. J., Professor of English and Public Speaking,
Director of Creighton Oratorical Society.
LAWRENCE M. PERK, S. J., Assistant Professor of Physics.
JOHN E. KENNY, A. M., Assistant Professor of Spanish.
FRANCIS P. KEENOY, S. J., Assistant Professor of Chemistry.
CAPT. EDWARD S. MURPHY, M. D., Assistant in Biology.
ERNEST R. MISNER, Assistant in Expression.
HENRY G. COX, Director of Musical Organizations.
MALCOLM BALDRIGE, A. B., LL. B., Director of Physical Training.
ARTHUR A. SCHABINGER, Athletic Director
DENIS J. RYAN, Instructor in Physical Training.
CAPTAIN JAMES A. WHEELIN, Inf., U. S. A., Assistant Professor Military Science and Tactics.
CAPTAIN ARCHIBALD R. MacKECHNIE, Inf., U. S. A., Assistant Professor Military Science and Tactics.
SERGEANT JOHN A. LIDDY, Assistant Instructor Military Science and Tactics.
SERGEANT EDWARD MARTIN, Assistant Instructor Military Science and Tactics.
EDWARD A. HIER, Student Assistant in Chemistry.
JAMES T. SMITH, Student Assistant in Chemistry.
ALBERT J. RETTENMAIER, Student Assistant in Biology.

GENERAL INFORMATION

HISTORY

Creighton College owes its origin to a well defined and often expressed intention of Edward Creighton, to establish during his life a free school for higher education. He died, however, intestate, on November 5th, 1874, before making provision for the carrying out of his project. His wife, Mary Lucretia Creighton, inheriting both his fortune and his noble purpose, determined to put into execution the intention so earnestly cherished by her husband. She, too, was prevented by death, before she could take final and effective measures toward realizing her plans. Her death occurred on January 23, 1876. In her last will, dated September 23, 1875, she made a bequest, which in the settlement of the estate amounted to about \$200,000.00. One-fourth of this was devoted to grounds and a building, and the balance reserved for endowment. In accordance with the terms of her will the executors conveyed both property and securities to the Right Reverend James O'Connor.

After the incorporation of The Creighton University, Bishop O'Connor resigned his trust to the Society of Jesus, members of which have conducted the College since its inception.

Later, the benefactions of Edward and Lucretia Creighton were greatly augmented by the generosity of Count John A. Creighton, brother of Edward, and his wife, Sarah Emily Creighton, sister of Lucretia Creighton. Count John A. Creighton took a very active interest in the progress of the College, and its development and present financial condition are due to his gifts made during his life time and to a bequest in his will. A yearly Founders' Day is celebrated in grateful memory of these noble benefactors.

SCOPE

Creighton College, a free school of Liberal Arts and Sciences, constitutes one of the eight divisions of The Creighton University. It offers four years of undergraduate instruction leading to the degrees of Bachelor of Arts, Bachelor of Science and Bachelor of Philosophy. Candidates for degrees may also obtain a First Grade State Teacher's Certificate

by completing a prescribed course in pedagogy and teaching, as outlined herein.

Creighton College is a member of the North Central Association of Colleges and Secondary Schools, and of the Association of American Colleges. The degrees of A. B., B. S. and Ph. B. are registered by the Board of Regents of the State of New York.

The College course extends through four years and embraces instruction in the departments of Philosophy, Language, Literature, History, Physical Science, Social Science and Mathematics. The aim of the course is to give the student a liberal education, which will train and develop all powers of the mind, and will cultivate no one faculty to an exaggerated degree at the expense of the others. The College ideal is not to foster specialization, but to cultivate the mind, to build up and strengthen true character, and to impart that accuracy of thought and reasoning and that breadth of view which must ever be the foundation as well of more advanced scholarship as of eminence in the professions or other stations in life.

The combined Arts and Law courses may be completed in six years.

There is also a premedical course and a prelegal course, each covering two years, for those who wish to study medicine or law, but who are not prepared to devote the time necessary for graduation from the College of Arts and Sciences.

SYSTEM OF EDUCATION

The system of education in use in this College is that employed in more than two hundred educational institutions now conducted by members of the Society of Jesus in nearly all parts of the civilized world. This system was drawn up in the first instance by a committee of Jesuit educators and published in 1599. It is that embodied in the publication known as the *Ratio Studiorum*. In essential features it has been followed for 300 years, but in details it has been modified to meet the varying needs of time and place.

The scope or purpose of the Jesuit system of education is not to be sought in the subjects nor in the order or succession in which the different branches are taught, but rather in the goal which is held in view in teaching the various branches. This goal is the harmonious development of the faculties of soul and body of the student. The emphasis is obviously given to the training and development of the faculties of the soul, that is, of the memory, imagination, intellect and will of the student. The aim therefore of this system is to impart what is now known as a liberal education. Hence the training given is not

specialized or professional, but general, and is intended to lay the foundation for professional or specialized education. The purpose then of the method followed in Jesuit schools is to give the student an insight into the human nature which is common to himself and to his fellow human beings, to enable him to understand the problems of life—intellectual, moral, social, political and religious.

In regard to his intellect, the purpose of Jesuit education is to open, to broaden, to correct and refine his mind, to give it power over its own faculties, to enable it to acquire the ability to express itself clearly and appropriately. In regard to his will the aim is to form the character of the student, to give him principles and an ideal which will rule the conduct of his life—in a word, to make of the student a Christian gentleman.

In its moral training the Jesuit system does not share the opinion of those who think that knowledge of itself has a morally elevating influence. While it places much stress on the correct training of the will and inculcates natural principles which should guide the student's conduct, it holds that religion alone can adequately enlighten the mind and strengthen the will. Hence thorough instruction in the principles of religion forms an essential part of the system. Hence, too, all Catholic students are required to attend the classes in Christian Doctrine, to be present at the Chapel exercises, to make the annual retreat and to approach the Sacrament of Penance and to receive Holy Communion at least once a month.

BUILDINGS AND GROUNDS

The College Campus occupies a large and high tract of ground about fifteen minutes walk from the business district of Omaha. It extends from California Street on the South to Burt Street on the North and from Twenty-fourth Street on the East to Twenty-seventh Street on the West. It is reached by means of the Harney and Cross-town street car lines.

The Old College is a large structure of brick trimmed with limestone, having a frontage of 236 feet and a depth of 124 feet. It contains four stories and the facade is surmounted by a tower 110 feet high. This building was the original Creighton College, built in 1877, and at present contains the parlors, a large reading room, the chemical lecture room and laboratory, and several recitation rooms.

The South Wing, built in 1888, is devoted to the use of the Faculty.

The South Wing Extension, erected in 1900, is used as the Administration Building, and this contains the offices of the President, Treasurer and Registrar, and the College book store.

The North Wing was erected in 1900 and contains the office of the Dean, the department of Physics, and many recitation rooms.

The General Library is located between the South Wing Extension and the Old College, and contains 28,000 volumes, besides Federal Government and State Publications.

The University Chapel, generally known as St. John's Church, is situated a few yards west of the main building, facing California street. It was erected in 1887; is English Gothic in architecture, and built of Warrensburg sandstone.

The Auditorium is a separate building of red brick just west of the chapel. It has a seating capacity of nine hundred and the stage is generously equipped with scenery and other appurtenances required for dramatic productions.

St. John's Hall, located on the southwest corner of 25th and California Streets, contains rooms for seventy-six students. The discipline of the Hall is under the supervision of College authorities and conditions favorable to serious study are maintained.

The Astronomical Observatory is equipped with a five-inch equatorial, a three-inch transit, a chronograph, sidereal and solar clocks, a portable transit, sextants, micrometers, spectroscopes, etc., and an extensive library. Although placed near the main building of the University, and in the middle of a large city, it commands an unusually extensive sky.

The Gymnasium was opened in 1916. It offers splendid facilities for physical exercise and recreation. The building contains a spacious exercise room 170 by 90 feet, a running track, several handball and squash courts, a swimming pool 75 by 30 feet, billiard rooms, bowling alleys, club rooms, locker and shower rooms. The equipment throughout is the best, and a competent director is in charge.

The Athletic Field is situated in the middle of the Campus and is easily accessible. The field is equipped with a quarter mile running track, a baseball and football field. The field is sufficiently large to serve as a Drill Ground without interfering with athletic games. Tennis courts are provided on the ground at the corner of California Street and Lincoln Boulevard, opposite the campus.

EQUIPMENT

The Department of Physics occupies the entire front of the north wing on the third floor. There is every convenience for experimenting with sunlight and with arc and incandescent lamps, with direct and alternating currents, supplied by external circuits, with compressed and rarified air, gas, water and the like. Nearby are two laboratories generously equipped with instruments and conveniences for the students' work.

The cabinet of physical apparatus is exceptionally well stocked with instruments of all kinds. Besides the ordinary physical equipment there is a triple stereopticon with every attachment, prism and grating spectrosopes, binocular microscope with ten objectives, an elaborate outfit and a large classified list of prepared objects, an electric gyroscope, a motor generator, a very large induction coil, and a display of Geissler tubes.

The Department of Chemistry is located on the second floor of the Old College and is equipped with lecture room and laboratory facilities to accommodate one hundred and fifty-three students. Facilities for further work in Chemistry than that outlined in this bulletin are provided in the laboratories connected with the Colleges of Medicine and Pharmacy.

The Department of Biology is located in the College of Dentistry. There are two laboratories, one for the students and one for the use of the staff. An equipment room adjoining both laboratories contains materials and complete sets of apparatus, including a compound microscope for each individual student. The aquarium and animal room are in the basement.

UNIVERSITY PUBLICATIONS

"The Creighton Chronicle" is a monthly publication of the student body of the University. Each division of the University has its representatives on the editorial staff. The purpose of the magazine is to give the students a medium and an incentive for the exercise of their literary ability. It is also intended to keep the student body and alumni in touch with student life and university activities.

"The Creighton Courier" is a four page monthly devoted to the interests of the Creighton University. It is sent out gratis to some 15,000 addresses and serves to keep the activities of the University before the public.

"The Creighton University Bulletin" is published semi-monthly from March to June inclusive. Its purpose is to give information concerning the various departments of the University.

STUDENT EXPENSES

A matriculation fee of \$5.00 is charged on entrance. This fee is payable but once.

All other bills are payable by the semester and in advance. Mid-Year Examinations, Final Examinations and Statements of Credit will not be given to students who are delinquent in the payment of any bills due to the University.

Tuition is entirely free to those who are following the regular curriculum leading to an academic degree. A charge of \$10.00 per semester is made in the case of special students and of those who are following pre-medical or pre-legal courses.

A fee of \$20.00 is charged for student activities, educational and athletic. The payment of this fee entitles the student to membership in the gymnasium, to attend lectures, athletic events, public debates and the Arts play, and to a year's subscription to the Creighton Chronicle and Creighton Courier. Every student is required to pay this fee in full at registration. Those who register for the second semester only, pay a fee of \$10.00. Should a student withdraw from college during the year, no part of this fee will be refunded.

| | |
|---|---------|
| Matriculation | \$ 5.00 |
| Students' Activity Fee for the year..... | 20.00 |
| Late Registration Fee..... | 2.00 |
| Physics, Laboratory Fee, each semester..... | 5.00 |
| Breakage deposit, returnable | 3.00 |
| Chemistry, Laboratory Fee, each semester..... | 7.50 |
| Breakage deposit, returnable..... | 5.00 |
| Biology, Laboratory Fee, each semester..... | 7.50 |
| Breakage deposit, returnable..... | 5.00 |
| Tuition (except for regular Arts Course), each semester | 10.00 |
| Deposit, returnable, R. O. T. C. equipment..... | 20.00 |
| Graduation Fee | 10.00 |
| Conditioned Examinations, each | 1.00 |
| Conditioned Examinations, taken on any other than the day assigned in College Calendar | 2.00 |
| Special Examinations, each..... | 1.00 |
| A second detailed transcript of school record..... | 1.00 |

REFUNDS

The Assistant Treasurer, on recommendation of the Dean, is

authorized to refund to students withdrawing from the University the proportion of any semester's tuition and laboratory fees indicated by the following table:

| From First Class Day | Deduct Per Cent | Refund Per Cent |
|----------------------------|--------------------|--------------------|
| Until 2 weeks..... | 20 | 80 |
| Between 2 and 4 weeks..... | 40 | 60 |
| " 4 and 6 " | 60 | 40 |
| " 6 and 8 " | 80 | 20 |

No refund after eight weeks.

RESIDENCE HALLS

St. John's Hall is a dormitory intended for the accommodation of out-of-town students. It provides students with board and lodging at reasonable rates. The discipline of St. John's Hall is under the direct control of the faculty, and conditions are maintained conducive to earnestness of application to school work. All out-of-town students attending the College of Liberal Arts are required to reside either with near relatives or in St. John's Hall, if there is room in this dormitory. While the school authorities, in case the dormitory is filled, will assist students from a distance to find suitable homes at reasonable rates for board and room, they will not consent to act as guardians, nor in any way hold themselves responsible for the conduct of these students, when not actually under College supervision.

St. John's Hall is on California Street at Twenty-fifth Street, immediately across the street from the main building. It contains sixty-six single rooms and five double rooms. The rooms are heated by steam lighted by electricity and equipped with the necessary furniture: bedsteads, mattresses, sheets, pillows, pillow slips, blankets, washstands, wardrobes, chairs and tables.

The government of the Hall is intended to develop in the residents habits of self restraint and of personal responsibility. The Director of the Hall is a priest belonging to the faculty.

Room Reservation: Rooms are reserved in the order of application. A deposit of \$10.00 must accompany the verbal or written application for a room. In case a student fails to occupy a room after reservation, the deposit will not be returned, unless notice of withdrawal is received before September 1.

Bishop O'Conner Hall, a dormitory under the supervision of a diocesan priest, is situated one block from the College of Arts and Sciences, and offers a limited number of rooms for those College students who cannot get accommodations in St. John's Hall.

Expenses of Residence and Board in St. John's Hall

| | |
|--|---------------------------------|
| Private rooms, according to location, per semester.... | \$30.00, \$35.00 or \$40.00. |
| Board, per semester..... | \$125.00 |
| Breakage deposit for the year, returnable..... | 5.00 |
| Key deposit, for the year, returnable..... | 0.50 |

Payments are to be made semi-annually, in advance.

The following estimate of the expenses of a student residing in the dormitory during the academic year does not include tuition in the case of those who are required to pay it, nor deposits and laboratory fees mentioned above.

| | Low | Average | Liberal |
|------------------------------|----------|----------|----------|
| Books, stationery, etc. | 9.00 | 12.00 | 15.00 |
| Residence | 60.00 | 70.00 | 80.00 |
| Board | 250.00 | 250.00 | 250.00 |
| Laundry | 15.00 | 25.00 | 40.00 |
| Students' Fee | 20.00 | 20.00 | 20.00 |
| Total | \$354.00 | \$377.00 | \$435.00 |

FACILITIES FOR SELF SUPPORT

Students who are obliged to earn a portion of their expenses will find opportunities to do so, particularly in restaurants, private boarding houses and stores. By this means a young man may provide for a large part, though not all of his college expenses. Work which prevents a student from carrying his college studies profitably should not be taken, and will not be considered as a satisfactory excuse for delinquency in any course.

CLASS HONORS

Diplomas are graded as "rite", "cum laude", "magna cum laude", "summa laude", according to scholarship. "Summa cum laude" rank is fixed at A (93%-100%), "magna cum laude" at B (85%-92%) and "cum laude" at (77%-84%). These honors are inscribed on the diplomas of the recipients, and appear in the published list of graduates in the annual catalogue.

The honors awarded at the end of the year are determined by the combined results of class-work and examinations mentioned below, each counting 50 per cent.

Those who maintain an average of A (93%-100%) throughout the year merit the distinction of First Honors. An average of B (85%-92%) entitles a student to Second Honors.

PRIZES

Inter-Collegiate English Prize. A purse of \$100.00 (\$50.00 for the first prize; \$20.00 for the second; \$15.00 for the third; \$10.00 for the fourth, and \$5.00 for the fifth), is offered yearly by Mr. D. F. Bremner, of Chicago, for excellence in English essay writing. The purse is open to competition among the students of the Jesuit Colleges of the Missouri Province, which are:

| | |
|--------------------------------|------------------------|
| St. Louis University | St. Louis, Mo. |
| St. Xavier College | Cincinnati, O. |
| Loyola University | Chicago, Ill. |
| St. Mary's College | St. Marys, Kas. |
| The Creighton University | Omaha, Neb. |
| University of Detroit | Detroit, Mich. |
| Marquette University | Milwaukee, Wis. |
| St. Ignatius College | Cleveland, O. |
| St. John's University | Toledo, O. |
| Campion College | Prairie du Chien, Wis. |
| Rockhurst College | Kansas City, Mo. |
| Sacred Heart College | Denver, Colo. |

Inter-Collegiate Latin Prize. For the best Latin essay from competitors of the same colleges, a gold medal is offered each year by Very Rev. Francis X. McMenamy, S. J., Provincial of the Missouri Province of the Society of Jesus.

The Bishop McGovern Medal. A gold medal is offered by Right Reverend P. A. McGovern, D. D., for the best essay in Evidences of Religion.

The Knights of Columbus Philosophy Medal. A gold medal is offered by the Knights of Columbus, Omaha Council No. 652, to the student of the Senior Class who during his Junior and Senior years makes the highest general average in the courses in Philosophy.

The Oratorical Medal. The Omaha Division of the Ancient Order of Hibernians offers a gold medal for the best original oration delivered in the annual contest in oratory.

The Mrs. John Schultz Prize. A cash prize of \$30.00, being the interest on a \$500.00 bond, is available each year for a purpose left to the choice of the faculty. In recent years this cash prize has been assigned to the Public Debate of the Creighton Oratorical Society.

The Elocution Medal. A gold medal is offered by Thomas J. McShane each year for the best recitation in the College elocution contest.

ADMINISTRATIVE PROCEDURE

SESSIONS AND VACATIONS

The college year begins on the second Monday in September, and includes thirty-six weeks, which are divided into fall and spring terms, or semesters, of eighteen weeks each. There is a Christmas Recess of one week, and an Easter Recess of five days. No classes are held on Saturday afternoons. Classes are not held on legal holidays, nor on days observed as holydays of obligation in the Catholic Church. Commencement Day takes place on the first Saturday in June.

ATTENDANCE

All cases of absence and tardiness are reported daily to the Dean's office by professors and instructors.

Students not in their places at the opening of the semester must present written excuses from their parents or guardians for the delay.

Students who are not present at recitations during the twenty-four hours preceding or following the Christmas or summer recesses will be marked three absences for each recitation missed, unless permission has been previously granted by the Dean. If such absence is not adjusted within two weeks, a grade of F will be recorded for the course.

The maximum number of unexcused absences allowed a student in any course, without deduction of grade in any semester, is the same as the number of class exercises per week in that course. Absences from laboratory courses in excess of one-sixth of the total number of the semester will cancel the registration of the course.

For each additional absence in any subject up to one-tenth of the regular recitation periods for the semester, deductions are made from the final grade of the students as computed from the daily standing and final examination, as follows:

One-half per cent for four or five hour studies.

One per cent for two or three hour studies.

For each absence in excess of one-tenth of the recitations, twice the above schedule of deductions is made.

All omitted exercises must be made up within one week after the resumption of college duties, as appointed by the professor whose exercises were omitted, or they will be counted as failures in determining the student's grade.

The responsibility in these cases rests with the student.

If a student is absent either with or without excuse, from twenty per cent or more of the exercises of a given class, in any semester, he will be required to take an extra examination which will ordinarily cover the work gone over during his absence.

Tardiness in class attendance is regarded as a partial absence, unless the matter is adjusted on request of the student at the close of the hour. Three tardy marks will be recorded as one absence. Teachers are to report to the President all students who are absent one-tenth of the recitations of a course as soon as that number shall have been reached.

DISCIPLINE

The educational system employed by the College includes, as one of its most important features, the formation of character. For this reason, the discipline, while considerate, is unflinchingly firm, especially when the good of the student body and the reputation of the institution are concerned.

While it is the policy of the Faculty to trust as much as possible to the honor of the students themselves in carrying on the government of the College, nevertheless, for the maintaining of order and discipline, without which the desired results are not attainable, regular and punctual attendance, obedience to College regulations, serious application to study and blameless conduct will be insisted upon. Any serious neglect of these essential points will render the offender liable to suspension or even to dismissal.

EXAMINATIONS

Examinations in all subjects are held at the close of each semester. Partial examinations and written recitations are held from time to time during the semester, with or without previous notice to the students, at the discretion of the instructor. The result of a semester examination, combined with the student's class work (each to count one-half) will determine his grade for the semester.

A condition [E] due to failure in a semester examination may be removed by a supplementary examination, upon recommendation of the department concerned, with the approval of the Dean of the College. The supplementary examinations are held during the first month of the succeeding semester. They may be taken only on the days specified.

A conditioned student who desires such examination must notify the department concerned one week in advance so that examination questions may be prepared. He must also notify the Dean on or before the same day so that arrangements may be made for the examination. For each subject, a fee is charged, payable in advance at the Treasurer's office. Removal of conditions by examination shall not entitle the student to a grade higher than D.

A student may take only one examination to remove a condition. If he fails to pass the subject, in both the regular and supplementary examinations, he must repeat the entire subject in class.

Conditions may be incurred: (a) by a failure to satisfy the requirements of any course, which requirements include the recitations, tests and other assigned work as well as the examinations; (b) exclusion from an examination because of excessive class-room absences; and (c) by absence, due to any cause, on a day appointed for examination, provided the work done during the semester is below passing.

Conditioned students absent from the regular supplementary examinations must present an excuse satisfactory to the Dean or receive a grade of F for the course.

CLASSIFICATION OF STUDENTS

No student will be advanced to a higher class if he has any conditions prior to the year in which he ranks.

Those students are ranked as Sophomores who have at least twenty-four credit hours and have completed the prescribed courses of freshmen year: Juniors, those who have fifty-six credits and have completed the prescribed courses of the sophomore year; Seniors, those who have ninety-two credit hours and have completed the prescribed courses of the junior year.

No student will be considered a candidate for graduation if he has any deficiency at the beginning of the second semester of the Senior year.

REPORTS

Reports containing a record of the class standing, the attendance and deportment are sent after each examination to parents or guardians. Reports are also sent after the first and third quarters about November 20th and April 20th. Special reports are made at other times when it is deemed advisable, or upon special request. The semester reports are mailed not later than February 10th, and July 1st. The Dean should be notified if the reports are not received in due time.

QUALITY OF WORK

GRADES

A student's grade of scholarship in each of his subjects is determined by the combined results of examinations and class work.

ABOVE PASSING

A 93—100, Excellent

B 85— 92, Good

C 77— 84, Fair

D 70— 76, Passed

BELOW PASSING

E 60—69, Conditioned

F 0—59, Failed

I—Incomplete*

X—Absent

These grades are not given out to the students by the professors, but are regularly issued from the office of the Dean of the College.

Any student who desires to remove an Incomplete, must first obtain from the Registrar, a blank form for presentation to the instructor in charge of the course. This blank when signed, must be filed with the Registrar within one week from the time of the semester examination. A fee of \$1.00 is charged for blanks obtained after the specified time.

TRANSCRIPT OF RECORDS

Students wishing transcripts of records in order to transfer from this College to another or for other purposes, should make early and seasonable application for the same. No such statements will be made out during the busy periods of examination and registration, September 1st to 15th, January 15th to February 1st and June 15th to July 1st.

STUDENT ADVISERS

Students are assigned to general advisers in the second semester of the Freshman year. The adviser must be retained throughout the student's course, unless special permission is obtained to change. The student's general electives must be selected under the direction of the general adviser, whose signature must appear on the registration card. In the Junior and Senior years the students must first secure the signature of the head of the department in which he is doing his major work, and second, the signature of the general adviser. During the time of registration the advisers keep office hours. The Dean of the College is chairman of the Board of Advisers, and is temporarily general adviser for all Freshmen and all new students admitted with advanced standing.

*A student may be reported Incomplete, if some small portion of his work remains unfinished, providing his standing in the course has been of grade C or higher. To secure credit, this work must be completed within one month after the beginning of the following semester; otherwise the course will be recorded as of grade E.

ADMISSION

REGISTRATION

New students must make application for admission to the Dean. A student will not be registered without official entrance records. Students entering from other colleges should first see the Chairman of the Committee on Advanced Standing.

Former students in good standing, after having paid their fees, will proceed to the Dean to arrange their schedule for the semester.

TESTIMONIALS AND CREDENTIALS

All applicants for admission to the College must present satisfactory testimonials of good moral character. A student entering from another college or institution of collegiate rank, must furnish from such institution a certificate of honorable dismissal before his credentials for scholarship will be examined by the Entrance Board.

ENTRANCE REQUIREMENTS

Candidates for admission to Freshman year must present entrance credits amounting to fifteen units representing four years of high school work. A unit is a series of recitations or exercises in a given subject pursued continuously throughout the school year. The number of class exercises required in a week for each unit shall, in general, be five. Double periods are required for laboratory courses.

Not less than a full unit will be accepted in the first year of any language. Half-units will be accepted, but only when presented in addition to integral units in the same subject, or in half-year subjects which constitute a complete course in themselves, e. g. Solid Geometry. Any two of the biological sciences (Physiology, Botany, Zoology) may be combined into a continuous year's course equal to one unit.

I. PRESCRIBED ENTRANCE REQUIREMENTS

(A) FOR THE A. B. DEGREE

| | | | |
|-----------------------|---------|-------------------|--------|
| English | 3 units | History | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| *Latin | 4 units | | |

*Students presenting full fifteen units without the prescribed four units in Latin or without the prescribed two units in foreign language will be given an opportunity to make up these requirements during the first two years at college.

(B) FOR THE B. S. DEGREE

| | | | |
|-----------------------------|-----------|-------------------|--------|
| English | 3 units | History | 1 unit |
| †Mathematics | 2.5 units | Science | 1 unit |
| *Foreign Language | 2 units | | |

(C) FOR THE PH. B. DEGREE

| | | | |
|----------------------------|---------|-------------------|--------|
| English | 3 units | History | 1 unit |
| Mathematics | 2 units | Science | 1 unit |
| Foreign Language | 2 units | | |

II. ELECTIVES

The remaining four or five and one-half units may be selected from any subjects counted towards graduation in any accredited or recognized high school, with the following restrictions:

(a) No subject may be presented for less than a half unit of credit, as explained above.

(b) Not more than one unit will be accepted in any vocational subject counted toward graduation in an accredited or recognized high school.

(c) Vocal music and physical training will not be recognized for credit.

CONDITIONS

A condition of not more than one unit may be allowed to a candidate ranking above the lowest quarter of his high school class; but no condition is allowed in the prescribed English, Algebra or Geometry.

(a) This remaining unit may represent work not offered at entrance, and is in that case a real deficiency. Such students are considered as deficient students and must remove this deficiency during their first year of residence.

(b) Students offering the required number of units may fall slightly below the passing grade in one unit of work. Such students are considered as conditioned and must stand an examination for the removal of this condition during the Freshman year.

The work of the first year must be so arranged and so limited in amount that all conditions shall be removed and all deficiencies made good promptly. Deficient and conditioned students must, therefore, submit their course of study for approval to the Dean of the College.

*Students presenting full fifteen units without the prescribed four units in Latin or without the prescribed two units in foreign language will be given an opportunity to make up these requirements during the first two years at college.

†Candidates for the B. S. degree who present fifteen units, but only two units in Mathematics, may be admitted with the obligation of supplying the other half unit during Freshman year.

METHODS OF ADMISSION

ADMISSION BY CERTIFICATE

Admission without examination on certificate is granted to students from approved secondary schools as follows:

1. Creighton University High School.
2. Secondary schools accredited by any recognized standardizing agency.
3. Secondary schools accredited by the University of Nebraska.
4. High schools of the first grade in other states, which are so rated by the State Superintendent of Public Instruction.
5. Private schools and academies, not on any list, but approved, after investigation, by a vote of the Faculty of Creighton College.

Credentials which are accepted for admission become the property of the College and are kept permanently on file. All credentials should be filed with the Registrar. They should be mailed at least one month before the beginning of the semester, in order to secure prompt attention. Compliance with this request will save applicants much inconvenience.

Blank forms of entrance certificates, which are to be used in every case, may be had on application to the Registrar. Certificates must be made out and signed by the Principal or other recognized officer of the school and mailed by him directly to the Registrar.

No certificate will be accepted unless the holder has spent the last year of his high school course in the school issuing the certificate. A catalogue of the school, if published, describing the course of study in detail, should accompany the certificate.

It is expected that the principal will recommend not all graduates, but only those whose ability, application and scholarship are so clearly marked that the school is willing to stand sponsor for their success at college.

The certificates should fully cover the entrance requirements of the College. Admission on school certificates is in all cases provisional. If, after admission to the College, a student fails in any subject for which a school certificate was accepted, credit for that entrance subject may be canceled.

ADMISSION BY EXAMINATION

Applicants who are not entitled to enter on certificate must take the entrance examinations in the entire number of required units listed on pages 19 and 20. These examinations are held during the last week in June and the first week in September. The applicant may divide the examinations into two parts, taking as many as possible in June and the remainder in September. An examination in which the applicant has failed in June may be taken again in September.

ADMISSION TO ADVANCED STANDING

College credit for work done in a secondary school in excess of the requirements for admission can be given only on examination provided through the Dean's office, and on the basis of four semester hours of credit for one unit of high school work.

Candidates for admission from other institutions of college rank, which offer the same or equal courses of study as those at Creighton College, will be granted the same standing as at the former institution upon presenting in advance of registration:

1. A certificate of honorable dismissal.
2. An official transcript of college credits, with specifications of courses and year when taken, hours and grades.
3. An official certified statement of entrance credits and conditions, showing the length of each course in weeks, the number of recitations and laboratory exercises each week, the length of recitation and the mark secured.
4. A marked copy of the catalogue of the college previously attended, indicating the courses for which credit is desired.

No student will be admitted to the College as a candidate for a degree after the beginning of the first semester of the Senior year.

SPECIAL STUDENTS

Mature and earnest students who are either lacking in the required entrance units or who wish to pursue particular studies without reference to graduation, may be admitted with the permission of the Dean, to such courses of their own choice as they seem qualified to undertake.

The work thus done by special students cannot be counted later on toward a degree at Creighton College unless all entrance requirements have been satisfied.

SCOPE OF PREPARATORY WORK

The following descriptive outline indicates the amount of preparation expected in each of the subjects named.

LATIN

a. Grammar and Composition. The examination in grammar and composition will require a thorough knowledge of the entire Latin grammar together with such facility in writing Latin prose as is required of one who satisfactorily completes the course of exercises prescribed by The Creighton University High School. This course is based on Bennett's New Latin Composition.

b. Reading. Caesar's Gallic War, four books; Nepos' Lives (6) may be taken in place of two books of Caesar; Cicero's orations against Catiline and for Archias and the Manilian Law. Cicero's De Senectute and Sallust's Catiline or Jugurthine War may be taken as substitutes for three of the above orations. Three units.

GREEK

a. Grammar and Composition. The examination in grammar will require a thorough knowledge of etymology, of the syntax of cases, the rules of concord and prepositions. Composition will be based on Xenophon and will test the candidate's ability to translate into Greek simple sentences with special reference to the use of the forms, particularly of the irregular verb, and the common rules of syntax.

b. Reading. Xenophon's Anabasis, two books, or their equivalent. Two units.

ENGLISH*

a. Rhetoric and Composition

The applicant should be familiar with the principles of Rhetoric as set forth in Brooks', Scott-Denney or an equivalent. The composition will test the candidate's ability to write clear, idiomatic English. The subject will be taken from his experience and observation, or from the books he presents for examination. The spelling and punctuation must be correct, the sentences well constructed. The writer must show discrimination in the choice of words and ability to construct well ordered paragraphs.

b. Literature

a. For Reading. Cooper, The Spy, The Last of the Mohicans; Stevenson, Treasure Island; Poe, Poems and Tales; Scott, The Talisman; Longfellow, Tales of a Wayside Inn; DeQuincey, Flight of a

*The Uniform College Entrance Requirements in English for 1917 will be accepted, as will any fair equivalent work in this department.

Tartar Tribe; Eliot, Silas Marner; Shakespeare, Julius Caesar; Pope, Essay on Criticism; Tennyson, Idylls of the King.

b. For Study. Dickens, Christmas Stories; Irving, Sketch Book; Hawthorne, Twice-Told Tales; Scott, Ivanhoe; Whittier, Snowbound, and other poems; Sir Roger de Coverly Papers; Washington Farewell Address; Webster, Bunker Hill Oration; Dickens, David Copperfield; Lowell, Vision of Sir Launfal, and other poems; Lamb, Essays of Elia; Macaulay, Essay on Johnson; Garaghan, Prose Types in Newman; Newman, Dream of Gerontius; Shakespeare, Merchant of Venice.

A knowledge of the subject matter and form of each work with an explanation of the principal allusions will be required, together with the literary qualities, so far as they illustrate rhetorical principles, a biographical outline of the authors and an account of their works.

Three units.

FRENCH*

1. The first year's work should include careful drill in pronunciation and in the rudiments of grammar, abundant easy exercises designed to fix in mind the principles of grammar, the reading of 100 to 175 pages of graduated text, with constant practice in translating easy variations of the sentences read, and the writing of French from dictation.

One unit.

2. The second year's work should comprise the reading of from 250 to 400 pages of easy modern prose in the form of stories, plays, or historical or biographical sketches, constant practice in translating into French easy variations upon the text read, frequent abstracts—sometimes oral and sometimes written—of portions of the text already read, writing French from dictation, and continued grammatical drill, with constant application in the construction of sentences.

One unit.

3. Advanced courses in French should comprise the reading of 400 to 600 pages of French of ordinary difficulty, a portion to be in the dramatic form, constant practice in giving French paraphrases, abstracts, or reproductions from memory of selected portions of the matter read, the study of a grammar of moderate completeness, and writing from dictation.

GERMAN†

1. The first year's work should comprise careful drill in pronunciation; memorizing of easy, colloquial sentences; drill upon the

*The admission requirements in French are those recommended by the Modern Language Association of America.

†The Admission requirements in German are those recommended by the Modern Language Association of America.

rudiments of grammar; easy exercises, designed not only to fix in the mind the forms and principles of grammar, but also to cultivate readiness in reproducing natural forms of expression; the reading of from 55 to 100 pages of text; constant practice in translating into German easy variations upon sentences selected from the reading lessons and in reproducing from memory sentences previously read. One unit

2. The second year's work should comprise the reading of 150 to 200 pages of literature in the form of easy stories and plays, practice in translating into German the substance of short and easy, selected passages, and continued drill upon the rudiments of grammar. One unit.

3. Advanced work should include, in addition to the two courses above, the reading of about 400 pages of moderately difficult prose and poetry, with constant practice in giving, sometimes orally and sometimes in writing, abstracts, paraphrases, or reproductions from memory of selected portions of the matter read; also grammatical drill upon the more technical points of language. One unit

HISTORY

The candidate will be expected to show on examination such general knowledge of each field as may be acquired by the study of an accurate text-book of not less than three hundred pages. The examination will call for comparison of historical characters, periods and events, and, in general, for the exercise of judgment as well as of memory.

1. **Ancient History.** Comprising Oriental and Greek History to the death of Alexander, and Roman History to 800 A. D., with due reference to Greek and Roman life, literature and art. One unit.

2. **Mediaeval and Modern History.** From the death of Charlemagne to the present time. One unit.

3. **English History.** With due reference to social and political development. One-half or one unit.

4. **American History.** With special stress upon the national period, and Civil Government. One unit.

MATHEMATICS

Elementary Algebra and Plane Geometry are required for admission to all courses; the other subjects are optional, unless otherwise indicated above.

1. Elementary Algebra. Algebra through Quadratics. The points to be emphasized are: rapidity and accuracy in performing the four fundamental operations, factoring and its use in finding the greatest common factor and the lowest common multiple, radicals, the solution of linear equations containing one or more unknowns, the solution of quadratic equations, and the statement and solution of problems.
One unit.

2. Plane Geometry. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subject of loci. It is desirable that a short course in practical Geometry should precede the study of formal Geometry.
One unit.

3. Solid Geometry. The usual theorems and constructions of good text-books. Attention should be paid to the solution of original exercises and numerical problems and to the subjects of loci.
One-half unit.

4. Intermediate Algebra. Theory of quadratic equations, remainder theorems, radicals with equations involving them, imaginary and complex numbers, ratio and proportion, variation, arithmetic and geometric progressions and graphs.
One-half unit.

5. Trigonometry. Plane Trigonometry as presented in the best modern text-books. Especial attention should be paid to accuracy, neatness, and the proper arrangement of the work.
One-half unit.

NATURAL SCIENCES

Physics. One year's daily work in Physics, of which one-third should be laboratory work. The student should possess a thorough knowledge of the elementary principles of mechanics, heat, light, sound, electricity and magnetism, as presented in such text-books as Millikan and Gale or Carhart and Chute.

One unit.

Chemistry. One year's daily work in Chemistry, of which one-third should be laboratory work. The student should possess a thorough knowledge of the general laws and theories of chemistry and should be familiar with the occurrence, preparation and properties of the common elements and their compounds as presented in such text-books as McPherson and Henderson, Storer and Lindsey or Remsen.

One unit.

Zoology. One year's daily work in Zoology as presented in the text-books of Linville and Kelly, Jordan or Kellogg, with work in the laboratory and the field.

One unit.

Botany. One year's daily work in Botany as presented in Bergen, Atkinson or Coulter.

One unit.

General Biology. A combined course in Botany and Zoology, extending throughout the year, as presented in Hunter's Essentials of Biology or an equivalent text.

One unit.

Physical Geography. One year's daily work in Physical Geography as treated in the text-books of Tarr, Davis or Dryer, with training in laboratory and the field.

One unit.

DEGREES

BACHELORS' DEGREES

The following degrees are conferred:

- A. B., Bachelor of Arts;
- B. S., Bachelor of Science;
- Ph. B., Bachelor of Philosophy;
- B. S. in Med., Bachelor of Science in Medicine;
- B. S. in Dent., Bachelor of Science in Dentistry.

The A. B. degree is conferred if the candidate's curriculum has included two years of college Latin.

The B. S. degree is conferred on one who has concentrated his studies, particularly during the last two years of college, on Science or Mathematics.

The degree of B. S. in Medicine is conferred upon the completion of two years of Medicine, provided, of course, that the student before entering the Medical School has completed two years of college work, as specified on page 34. Philosophy 21-22, or its equivalent, is required for this degree.

The degree of B. S. in Dentistry may be conferred on a student who has completed two years of college work (60 semester hours) as a candidate for a degree in the Creighton College of Arts and Sciences, or who has done the equivalent of such work in some other approved College of Arts and Sciences.

The Ph. B. degree is conferred on candidates whose chief work has been in one or two of the following departments: Philosophy, History, English Literature, Economics, Political Science, Education, Sociology.

No degree, with the exception of that of Doctor of Laws (LL. D.), is given "honoris causa."

REQUIREMENTS FOR THE BACCALAUREATE DEGREES

The conditions for the Baccalaureate degrees are the following:

1. The satisfactory completion of the four years' course leading to the degree for which the student is a candidate.
2. A written thesis approved by the Dean of the College and presented on or before April 15th of the year in which the degree is expected to be conferred.
3. All work in order to be accepted in fulfillment of any requirement for the degree must be completed with grade D (70—76) or over, and three-quarters of the work must be of grade C (77—84) or above.
4. A fee of ten dollars payable in advance.

REQUIREMENTS FOR GRADUATION

AMOUNT OF WORK

In order to receive a degree, a student is required to complete 128 semester hours of work, three-fourths (ninety-six) hours of which must be of C grade or better.

The requirements for graduation include:

1. A certain amount of prescribed work, especially in the freshman and sophomore years;
 2. A major and two minors, to be taken chiefly during the junior and senior years; and
 3. Free electives, which afford opportunity either for broader culture or for greater specialization as the student may choose.
4. At least the Senior year in residence, at Creighton College.

The semester hour is the unit or standard for computing the amount of a student's work. A semester hour is defined as one lecture, recitation or class exercise, one hour in length per week, for one semester. Two hours of laboratory work are equivalent to one recitation hour. Two hours of preparation on the part of the student are required for each hour of lecture or recitation.

Regular work for Freshmen is sixteen hours per week. For all others it may be from fifteen to eighteen hours. No candidates for a degree will be allowed to register for fewer than twelve hours of work.

No Freshman may register for more than sixteen hours without special permission of the faculty, and such registration is not allowed to any student in his first semester of residence.

In case of students of longer attendance, advisers may grant permission to take studies up to eighteen hours a week after the standing of the student in each study of the semester is examined and found to be B (85) or over.

Students who drop a study without permission will be marked F on the Registrar's books. If a student is permitted at his own request to drop a course after attending the class for five weeks or more, he will be given a grade of F, which will become a part of the permanent records just as if he had failed at the end of the course.

No credit will be granted any student for more than forty hours in any department, including credits earned in the freshman year, except:

1. When a student is writing a thesis, he may count in addition to the forty hours, the hours of the course in which he does his thesis work.

2. In the department of English, a student may take forty hours in addition to Rhetoric 1—2.

CHARACTER OF WORK

I. SUBJECT REQUIREMENTS

(a) PRESCRIBED SUBJECTS FOR THE A. B. DEGREE.*

| | Credit Hrs. | | Credit Hrs. |
|---------------------------|-------------|---------------------------------|-------------|
| English | 12 | Mathematics | 6 |
| Latin | 16 | History | 6 |
| Modern Language | 16 | Philosophy | 16 |
| Science | 8 | Evidences of Religion | 8 |

(b) PRESCRIBED SUBJECTS FOR THE B. S. DEGREE.

| | | | |
|---------------------------|----|---------------------------------|----|
| English | 12 | Mathematics | 6 |
| Modern Language | 16 | History | 6 |
| Science | 16 | Philosophy | 16 |
| | | Evidences of Religion | 8 |

(c) PRESCRIBED SUBJECTS FOR THE Ph. B. DEGREE.

Same as for the B. S. degree, except that only 8 semester hours of Science are required.

OUTLINE OF COURSES

BACHELOR OF ARTS

FRESHMAN

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|--|-------------|--|-------------|
| Latin 1, 9 | 4 | Latin, 2, 10 | 4 |
| English, 3 | 3 | English, 4 | 3 |
| Science | 4 | Science | 4 |
| Greek, or Mathematics, 1 or 3 | 3 | Greek, or Mathematics, 2 or 4 | 3 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

*Students taking Greek may omit Mathematics in Freshman and postpone History of Sophomore to the Junior year.

The prescribed course in Evidences of Religion will be required only of Catholic students.

SOPHOMORE

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|----------------------------|-------------|
| Latin, 3, 11 | 4 | Latin, 4, 12 | 4 |
| History, 1, or Greek..... | 3 | History, 2, or Greek..... | 3 |
| Modern Language | 4 | Modern Language | 4 |
| English, 5 | 3 | English, 6 | 3 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

JUNIOR

| | | | |
|-------------------------------|---|-------------------------------|---|
| Psychology, 11..... | 3 | Modern Language | 4 |
| Logic, 1 | 3 | Psychology, 4 | 3 |
| Modern Language | 4 | Metaphysics, 5..... | 3 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |
| Major and Minor Electives.... | | Major and Minor Electives.... | |

SENIOR

| | | | |
|-------------------------------|---|-------------------------------|---|
| Metaphysics, 6 | 3 | | |
| General Ethics, 7..... | 3 | Special Ethics | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Major and Minor Electives.... | | Major and Minor Electives.... | |

BACHELOR OF SCIENCE

FRESHMAN

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|----------------------------|-------------|-----------------------------|-------------|
| English, 3 | 3 | English, 4..... | 3 |
| Mathematics, 1 or 3..... | 3 | Mathematics, 2 or 4..... | 3 |
| Modern Language | 4 | Modern Language | 4 |
| Science | 4 | Science | 4 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| | <hr/> 16 | | <hr/> 16 |

SOPHOMORE

| | | | |
|----------------------------|----------|-----------------------------|----------|
| Modern Language | 4 | Modern Language | 4 |
| Science | 4 | Science | 4 |
| History, 1 | 3 | History, 2 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion | 1 |
| Public Speaking | 1 | Public Speaking | 1 |
| Elective | | Elective | 3 |
| | <hr/> 16 | | <hr/> 16 |

JUNIOR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-------------------------------|-------------|-------------------------------|-------------|
| Logic, 1 | 3 | Psychology, 4 | 3 |
| Psychology, 11 | 3 | Metaphysics, 5 | 3 |
| English, 5 | 3 | English, 6 | 3 |
| Evidences of Religion..... | 1 | Evidences of Religion..... | 1 |
| Major and Minor Electives.... | | Major and Minor Electives.... | |

SENIOR

| | | | |
|-------------------------------|---|------------------------------|---|
| Metaphysics, 6..... | 3 | Special Ethics, 8..... | 3 |
| General Ethics, 7..... | 3 | Evidences of Religion..... | 1 |
| Major and Minor Electives.... | | Major and Minor Electives... | |

BACHELOR OF PHILOSOPHY

The course is the same as that outlined above for the degree of Bachelor of Science, except that English is taken during the Sophomore year, instead of Science.

Candidates for graduation must attend any course of lectures, or any other exercises that have been or may be authorized and equipped by the faculty, even though such courses receive no value in credits.

GROUP REQUIREMENTS

A candidate for a bachelor's degree must complete a major in at least one department, and a minor in each of two other departments.

(a) One of these minors must be correlated to the major.

(b) The other, a free or unrestricted minor, must be chosen from another group.

The various subjects of instruction are divided into three groups as follows:

| Group I | Group II | Group III |
|-----------------|-------------------|-------------|
| English | Economics | Astronomy |
| French | Education | Biology |
| German | History | Chemistry |
| Greek | Philosophy | Mathematics |
| Latin | Political Science | Physics |
| Public Speaking | | |
| Spanish | | |

N. B.—For the degree of Bachelor of Arts the Major study must be selected from Group I or Group II. For the degree of Bachelor of Philosophy the Major study must be selected from Group II.

MAJOR

Each student before the end of the sophomore year must elect courses from some one department, to be known as his major, which must comprise not less than eighteen semester hours.

A major may be changed only by the consent of the Dean and of the heads of the departments concerned, and such change will be permitted only upon the distinct understanding that all the courses prescribed in the major finally chosen shall be completed before graduation.

MINOR

A minor consists of not less than twelve hours in one department. The correlated minor must be chosen from the same group as the major; the unrestricted minor may be chosen from either of the remaining groups.

ELECTIVES

Courses (a) not taken as prescribed courses and (b) not included in the student's major and minor sequences may be chosen as free electives to complete the 128 credits required for graduations.

In the choice of electives, each student must be guided by his prospective future work. He must ascertain, moreover, that such courses are open to his class; that he has fulfilled the prerequisites, and that there will be no conflict in the schedule of recitations or laboratory periods.

First year courses in a foreign language will not be accepted for credit towards a degree unless followed by a second year course in the same language.

Elections for the second term must be filed by members of the upper classes with the Dean on or before January 15th, and for the first term on or before May 15th.

REFERENCE STUDY AND RESEARCH

1. Students taking courses in Philosophy shall prepare and submit each month a paper of 2,000 words dealing with the development of some specific topic of the subject matter treated in class.

2. Students taking courses in History and Social Sciences will be required to hand in two papers each semester. These papers are to contain not less than 1,800 words; and at least one of the four papers thus submitted during the year should give unmistakable signs of original research, preferably in some local Catholic subject.

3. All such and other prescribed written assignments will be held to strictly as pre-requirements for graduation, for the fulfillment of which no student will be allowed any extension of time beyond the 15th of April of his Senior Year.

All applicants for a degree should file their application and present all their credits on or before the 15th of April.

BACHELOR OF SCIENCE IN MEDICINE

CURRICULUM PREPARATORY TO MEDICINE

Since the leaders in medical education advise a four-year college education for students preparing to study medicine, such students are urged to take one of the regular degree courses outlined above. All standard medical schools now require as a minimum two years of college work in addition to a four-year course in an approved high school. The College of Medicine of Creighton University requires at least two years (sixty semester hours) of college work for admission. In the premedical curriculum the following subjects are required:

| | |
|---|------------------|
| Chemistry, General Inorganic..... | 8 semester hours |
| Chemistry, Organic | 4 semester hours |
| Biology | 8 semester hours |
| Physics .. | 8 semester hours |
| English Composition and Literature..... | 6 semester hours |

The schedule of subjects followed by premedical students at Creighton College of Liberal Arts and Sciences is as follows:

FRESHMAN YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|---|-------------|---|-------------|
| Chemistry, 1 | 4 | Chemistry, 2 | 4 |
| Biology 1 | 4 | Biology, 2 | 4 |
| English, 1 | 3 | English, 2 | 3 |
| Mathematics or Modern Language | 3 or 4 | Mathematics or Modern Language | 3 or 4 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |

SOPHOMORE YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|---|-------------|---|-------------|
| Chemistry, 3 or 4 | 4 | Chemistry, 7 | 4 |
| Philosophy, 21..... | 3 | Philosophy, 22 | 3 |
| Physics, 1 | 4 | Physics, 2 | 4 |
| Biology 3, or Foreign Lan- guage | 4 | Biology 4, or Foreign Lan- guage | 4 |
| Evidences of Religion | 1 | Evidences of Religion..... | 1 |

The successful completion of the course outlined above and of the courses prescribed in the Freshman and Sophomore years of the Medical Department entitles the student to the degree of Bachelor of Science in Medicine. This degree is conferred after the Sophomore year of the medical curriculum is completed.

PRELEGAL CURRICULA

On account of the higher requirements now obtaining in the law colleges of the United States, prelegal curricula have been arranged for those looking forward to the law as a profession. The Law School of the The Creighton University will require at least two years of collegiate training (60 semester hours) for admission to its courses, and urges that three or four years be taken in a College of Liberal Arts in preparation for law studies. Hence two kinds of programs are here given: one for students who wish to spend two years in preparatory work, NOT AS CANDIDATES FOR AN ACADEMIC DEGREE, but solely to equip themselves for law studies; the other for students who enter as candidates for an academic degree (A. B., B. S., Ph. B.), but expect afterwards to pursue a law curriculum.

I. SUGGESTED CURRICULUM FOR PRELEGAL STUDENTS, NOT CANDIDATES FOR AN ACADEMIC DEGREE

FRESHMAN YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|-----------------------------|-------------|-----------------------------|-------------|
| English, 1 | 3 | English, 2 | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| History | 3 | History | 3 |
| Social Science | 3 | Social Science | 3 |
| Public Speaking | 1 | Public Speaking | 1 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |

SOPHOMORE YEAR

| First Semester | Credit Hrs. | Second Semester | Credit Hrs. |
|--------------------------------|-------------|--------------------------------|-------------|
| English | 3 | English | 3 |
| Philosophy, 21 | 3 | Philosophy, 22 | 3 |
| Foreign Language | 4 | Foreign Language | 4 |
| History or Social Science | 3 | History or Social Science | 3 |
| Public Speaking | 1 | Public Speaking | 1 |
| Evidences of Religion | 1 | Evidences of Religion | 1 |

II. PRELEGAL STUDENTS WHO ARE CANDIDATES FOR ACADEMIC DEGREES

THREE YEAR CURRICULUM

When the prelegal student has chosen the degree for which he wishes to be a candidate, his program of studies will be so arranged that within three years he will be able to complete the subjects required

for his prospective degree. The elective subjects may be chosen from the courses offered at the Law School.

FOUR YEAR CURRICULUM

Candidates intending to spend four years in academic work will have their program of studies made up from the schedules given above for the various academic degrees, the program of studies differing according to the degree the student has in view.

TRAINING OF TEACHERS

The First Grade State Teachers' Certificate is granted to graduates of the College who have satisfactorily completed the special course as outlined below, in virtue of the recognition of The Creighton University by the State Superintendent of Public Instruction "as an institution duly incorporated under the laws of the State of Nebraska, and having an equivalent of the courses in the University of Nebraska for the degrees of Bachelor of Arts and Bachelor of Science. It is therefore authorized to issue certificates to such graduates as have completed the course of special training and instruction of teachers, said course being an equivalent of the course prescribed by the regents and faculty of the University of Nebraska for the special training and instruction of teachers, and such graduates shall be accredited as qualified teachers within the meaning of the school laws of the State, having equal privilege upon equal conditions with graduates from any and all other educational institutions within the state under the school laws thereof." This certificate qualifies the holder to teach in any school in Nebraska and is valid in several other states.

Requirements: First. General knowledge. The candidate must fulfill the conditions required for a Bachelor's degree.

Second. Special knowledge. The completion of work amounting to at least forty hours divided between two or three subjects **which the student expects to teach**, the ultimate decision as to the student's proficiency resting with the Professors concerned.

Third. Professional knowledge. The completion of 15 semester hours in Education, of which at least three hours must be in Psychology. The required courses are 1, 4, 11 and 12.

DEPARTMENTS AND COURSES

1. As a rule, odd numbers indicate first semester courses; even numbers second semester courses.

2. In all (a) beginning and (b) year courses both semesters must be completed for credit toward a degree.

3. The Faculty reserves the right to refuse to offer a course listed below for which there is not a sufficient number of applicants.

ASTRONOMY

1. **Descriptive Astronomy.** Fundamental astronomical facts and principles; astronomical co-ordinates: the celestial sphere. Astronomical instruments. The sun, moon and eclipses. The planets, comets, meteors. Constellations, clusters and nebulae. Three hours credit.

2. **Spherical and Practical Astronomy.** The theory and use of astronomical instruments, such as the sextant, transit, altazimuth, equatorial, position micrometer, spectroscope, etc. Computation of eclipses, construction of eclipse maps. Introduction to celestial mechanics. Orbits of planets and satellites. Three hours credit.

BIOLOGY

1. **Introductory Zoology.** An introduction to the principles of general morphology and physiology. Studies are made of a graded series of invertebrate types illustrating the increase of complexity of form as correlated with division of function. More detailed examination is made of those groups which include many parasitic forms. Two lectures, one quiz hour, and four laboratory hours per week. First semester. Four hours credit.

2. **Comparative Anatomy of the Vertebrates.** An intensive study of type forms. The value of the structure studied as basal elements of vertebrate anatomy and the principles of homology in the various groups are elaborated in the lectures. Two lectures, one quiz, and four laboratory hours per week. Prerequisite: Course 1. Second semester. Four hours credit.

3. **Embryology (General).** Maturation, fertilization, cleavage in various typical forms. Gastrulation and embryo formation in the Chordates, Acrania, Pisces, Amphibia, and Aves are studied and compared with some care. Two lectures, and four laboratory hours per week. Second semester. Prerequisite, Zoology 1 and 2 or equivalent. Four hours credit.

5. **Genetics.** A study of the general problems of heredity and organic evolution, reviewing some of the more recent work in the breeding of plants and animals. Lectures and quiz. Two hours a week. First semester. Prerequisite: Courses 1 and 2, or equivalent. Two hours credit.

CHEMISTRY

1-2. **General and Inorganic Chemistry.** A course of experimental lectures and problems combined with laboratory work. The laboratory work of the second semester includes a brief course in

qualitative analysis. 1a, 2a. Lectures 2 hours a week. Both semesters.
1b, 2b. Laboratory 6 hours a week. Both semesters.

Eight hours credit.

5-6. A Combined Course in Inorganic Chemistry and Analytic Chemistry. Covers compendiously and necessarily with less thoroughness the essential matter of Courses 1-2, 3 and 4. For those who are not taking Chemistry as their major.

5a-6a. Lectures 2 hours a week. Both semesters.

5b-6b. Laboratory 4 hours a week. Both semesters. The second semester of laboratory is devoted to analytical work, qualitative and quantitative.

Eight hours credit.

7. Organic Chemistry. Prerequisite, Courses 1-2 and 3 or 4.

7a. Lectures 2 hours a week. One semester.

7b. Laboratory 4 hours a week. One semester. Four hours credit.

9-10. *Physical Chemistry. 9a-10a. Lectures 2 hours a week dealing with the general principles of the subject, with the properties of matter and its phase and energy relations. Two semesters.

9b-10b. *Laboratory 4 hours a week. Measurement of densities of gases and liquids, of boiling points and freezing points; practice with spectrometer, polarimeter, refractometer and various physico-chemical apparatus. Prerequisite: Physics, Course 1, and Chemistry, Course 1. Two semesters.

Eight hours credit.

11. Analytical Chemistry. Qualitative and Quantitative Analysis. Lectures 2 hours a week. Laboratory 4 hours a week. One semester.

Four hours credit.

ECONOMICS

1. Principles of Economics. The economic principles involved in the production, exchange, distribution and consumption of wealth. Study of textbook supplemented by lectures, discussions and assigned readings.

Three hours credit.

2. Economic History of the United States. The development of agriculture, commerce and manufacturing industry from Colonial times to the present day. Study of textbook with assigned readings on special topics.

Three hours credit.

***3. Money and Banking.** The study of the nature and functions of money; monetary systems and standards; the principles of commercial banking. Three (or two) hours a week.

Three (or two) hours credit.

4. The Distribution of Wealth. A more advanced treatment of the problems arising out of the distribution of wealth. Theories concerning rent, profits, interest and wages, Discussion of proposed remedies for inequality of distribution: Single tax, government ownership, profit-sharing, co-operative enterprise, etc.

Three hours credit.

5. Law and Public Welfare. A study of legislative measures dealing with the protection of life and health in industry: employment of women and children, regulations of hours of labor, minimum wages, the relief and prevention of poverty.

Two hours credit.

*Not given in 1922-1923.

6. *Industrial Organizations. A study of the development of modern industry along the lines of large-scale production and corporate organization. Prerequisite: Economics 1. Two hours credit.

20-21. Elementary Accounting. Two hours a week throughout the year. Four hours credit.

These courses are not open to Freshmen (except to Freshmen in the Department of Commerce).

EDUCATION

1. Philosophy of Education. The principles underlying all Christian education, and the relative values of different educational agencies and curricula when tested by these principles. Lectures, discussions, required reading and reports. Three hours credit.

2-3. General Psychology. (Philosophy 3-4.) Beginning with an explanation of the cerebro-spinal nervous system, this course leads on to the study of the phenomena of sensuous and rational life, and then treats of the origin, nature and destiny of the human soul, and the union of soul and body. Must accompany or precede Course 7. Required of Juniors. Three hours credit.

4. Educational Psychology. A study of established psychological processes and procedure; prevalent errors in psychology and their influence on recent and contemporary educational theory and practice; physical growth and mental development; the psychology of adolescence; instinct, heredity and individuality; attention, interest, appreciation, association, memory and habit, and their application to the problems of education and the class room. Courses 5-6 prerequisite and essential. Three hours credit.

5. History of Ancient and Mediaeval Education. The development of educational ideals, systems, institutions and methods of early times, through Jewish, Greek, Roman and early Christian civilization, down to the Renaissance. Two hours credit.

6. History of Modern Education. The Renaissance and humanistic studies; effects of the Reformation; Catholic reaction; the Jesuits and higher education, a survey of systems, movements and tendencies in educational ideals and methods during the sixteenth, seventeenth, eighteenth and nineteenth centuries; recent and contemporary educational thought and tendencies in England, France and Germany, and especially in the United States. Lectures, readings and investigations of special problems.

7. History of Education. A brief survey of educational theory, institutions and practice during ancient and modern times with special emphasis on the more recent educational movements of Europe and America. Three hours credit.

8. School Management. The meaning and aim of the educative process and the function of this aim in class-room organization and control; motivation of school work; routine procedure; gradings and promoting; the real function and character of the curriculum; assignments, study and recitations; the effective measurements of school processes and products; the influence of personality upon the professional effectiveness of the teacher; professional ethics. Three hours credit.

*Not given in 1922-1923.

***9. High School Administration.** An investigation of the problems, aim, organization and procedure in the administration and supervision of secondary schools, public and private; the relationship of superintendent, principal, teachers, parents and pupils; certification of teachers, rating of teachers and teaching efficiency; school surveys. standardizing agencies, processes and progress; school construction, equipment and control. Three hours credit.

10. Principles of Secondary Education. The development of secondary education in America and in other countries; its relation to elementary and higher education; program of studies, criteria of subject values; history, purposes, organization and methods of the Junior high school; vocational and industrial education; organization and reconstruction of curricula with reference to the various needs of typical communities and present day life; textbooks and apparatus; the psychology of high school subjects. Three hours credit.

11. Observation of Expert Teaching. A systematic observation of classes taught in Creighton University High School and a written report of such observations as outlined by the head of the department. One hour credit.

12. Practical Work in Teaching. During the second semester each student will prepare thirty recitations and teach them in Creighton University High School under the supervision of a critic teacher. Two hours credit.

ENGLISH

1. Rhetoric and Composition. A course in the essentials of Rhetoric and in the various modes of composition. Required of Freshmen who are deficient in the theory or practice of correct English.

Three hours credit.

2. Advanced Rhetoric. A systematic course based on textbooks, in the theory of rhetoric, the study of style, and the requisites of the various species of writing. Required of Freshmen, as in Course 1.

Three hours credit.

3. Poetry. Theories of English prosody: Saintsbury, Patmore, Lanier, Bridges, Hopkins. The part played by Latin Christian hymns in determining the metrical principle of modern languages. Italian influences in Elizabethan and Caroline verse. French influences in Restoration verse. The influence of Mallory and of the ballads on late poetry. The Romantic revival: Wordsworth and Coleridge. The Pre-Raphaelites. The Catholic revival: Patmore, Francis Thompson and others; contemporary Catholic poets. The poetry of the twentieth century. Free verse.

Three hours credit.

4. The Short Story. The theory and technique of the short story; its development and various kinds. Reading and appreciation of short stories, and composition in the form.

Three hours credit.

***5. The English Novel.** The principal purpose of this course is to study the technique of the novel and the various schools of fiction and their tendencies, with special attention to their ethical and literary value. The historical development will be briefly surveyed.

6. Oratory. The theory of oratory; analysis and study of oratorical masterpieces; historical study of the great orators. The preparation of briefs, the composition and delivery of short addresses.

*Not given in 1922-1923.

speeches for occasion, debates, and at least one formal oration, will be required. Three hours credit.

7. The Technique of the Drama. The theory of the drama will be studied by means of lectures and assignments in its history and development; examples of the different forms will be analyzed; composition in dialogue, dramatic sketches, playlets, scenarios, and at least one complete drama will be required. Three hours credit.

8. Shakespeare. Shakespeare's life, influence, sources of his drama; an acquaintance by reading and assignments with the Shakespearean literature of criticism; a study of the chief plays, especially in comparison with those of other dramatists. Three hours credit.

9. The Modern Drama. The course will be confined to English and American drama, though some of the continental influences will be noted and analyzed. The more noteworthy plays of the chief dramatists from Goldsmith and Sheridan to the present will be read. Three hours credit.

***10. Aesthetics and Literary Criticism.** The philosophical basis of aesthetics, the elements of taste; the theory of criticism; a survey of critical standards; a study of the schools of criticism and of the work of the chief literary critics. Critical papers of assigned subjects will be required. Three hours credit.

11. English Prose. Its development; from Sir Thomas More to Dryden. The subjective essay; from Cowley to Lamb; some modern masters. The article and review, in criticism, politics, history, philosophy and religion; Coleridge, Hazlitt, Landor, Macaulay, Carlyle, Matthew Arnold, Lionel Johnson. The historians and biographers. Three hours credit.

12. Newman. His commanding position in the religious intellectual life of the nineteenth century; life and associations at Oxford; Catholic life; his philosophy of education in the "Idea of a University;" his controversial, apologetic and homiletic works; the great Christian protagonist in the warfare of modern rationalism; the acknowledged perfection of form in his prose. Three hours credit.

13. Journalism. (a) Ethics of journalism; a brief survey of the history of journalism, its development, and a discussion of its present tendencies. (b) The technology of the pressroom, news gathering and reporting; preparation of copy; copy-reading, proof-reading, interviewing and editing. Field work will be required and co-operation with the College periodicals. Three hours credit.

***14-15. Early English Literature.** A general survey of the origin and development of the periods to 1750; chief writers and characteristics. Two hours credit.

***16-17. English Literature.** An outline history of modern English literature, with required readings and assignments to cover subjects not provided for in other courses. Two hours credit.

***18. American Literature.** An historical survey, with especial emphasis on the chief influences and writers. One hour credit.

EVIDENCES OF RELIGION

1. Christian Revelation; The Church. Revelation in general; Christianity a revealed religion; Patriarchal and Mosaic Revelation;

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divine origin of the Christian Revelation. The Church; its institution and end; Constitution of the Church. One hour credit.

2. The Church; God and Salvation. Marks and teaching office of the Church; Holy Scripture and Tradition; the rule of Faith. God the Author and Restorer of our salvation; God considered in Himself; One in Nature; His Existence, Nature, Attributes, Unity; the Trinity. One hour credit.

3. Creation and Redemption. Creation; the spiritual world; the material world. Man and the Fall. God the Redeemer; the Person and Nature of the Redeemer; the work of Redemption. One hour credit.

4. Grace and the Sacraments. Actual, habitual and sanctifying grace; infused and acquired virtues; Pelagianism, Jansenism, Naturalism and other errors refuted. The Sacraments in general; Baptism; Confirmation; the Holy Eucharist as a Sacrament and as a Sacrifice. One hour credit.

5. The Sacraments; Morality and Virtue; Eschatology. The Sacraments of Penance, Extreme Unction, Holy Orders and Matrimony; Sacramentary errors refuted. The basis of morality; law, conscience and free will; moral good and moral evil. The Christian's duties toward God; natural and supernatural virtues; Faith, Hope and Charity; the Last Things. One hour credit.

6. Divine Worship; Christian Perfection. Internal and external worship due to God; direct and indirect acts of worship; veneration of the Saints. The Christian's duties toward self and neighbor; works of supererogation. One hour credit.

7. Sacred Scripture. Biblical Canonics and Hermeneutics. Fact, nature and extent of inspiration. The Bible and Science. Explanation of difficulties drawn from geology, astronomy, biology, paleontology and evolution. One hour credit.

8. Scripture Reading. Readings from the Old and New Testament; comparative study of Greek text, and Latin and English versions. One hour credit

EXPRESSION

1. Philosophy of Expression. Body: Correct rising and sitting; proper walk; the foot chart; the affirmations of the arm; the inflections of the arm; the chart of the brows and the lids. Voice: Correct breathing; application of correct breathing to the voice; exercises for the increase of capacity; practice of vital exercises. Philosophy of Expression: significance of voice and body; relation of voice and body to health; exposition of right expression as a three-fold activity; explanation of the purpose of oral expression; the means or media of expression; explanation of the subject of gesture. Literature: *Hevre Riel* (Browning), *Lochinvar* (Scott), *Lady of Shalott* (Tennyson), *My Last Duchess* (Browning), *Columbus* (Miller), *In Flanders' Fields* (McCrae), *Gettysburg Speech* (Lincoln), *If We had the Time* (Burton). Repertoire: Consisting of literature of the students' choice. First semester, three hours a week. Prerequisite, Public Speaking, 1 and 2. Two hours credit.

2. Expressive Movement. The Speaking Voice. Body: The head chart; the hand chart; the mouth chart; the eyeball; the torso; oppositions of the head and arm; manifestative

and descriptive pantomime. Voice: Tone and placement and volume; diction; exercises for freedom of voice and the open throat; exercises for the removal of special impediments; study of the cone chart for ear training. Philosophy: Exposition of "MENTAL CAUSE" as affecting expression; the relation of the trinity (mental, moral and vital) to mind, voice and body; fundamentals of expression (Leland T. Powers Text Book); the philosophy of the Leland T. Power's Practice Book. Literature: The Coming of Arthur (Tennyson), The Vision of Sir Launfal (Tennyson), The Taming of the Shrew (1st. Act) (Shakespeare). Second semester, three hours a week. Prerequisite, Expression 1. Two hours credit.

FRENCH

A. Elementary French. Careful drill in pronunciation. The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the order of words in the sentence; colloquial exercises; writing French from dictation; easy themes; conversation. First semester. Four hours credit.

B. Elementary French. (Continued.) Mastery of irregular verb forms; uses of the conditional subjunctive; syntax. Reading of graduated texts, with constant practice in retranslating into French portions of the text read; dictation, conversation. Second semester. Four hours credit.

C. Intermediate French. Reading, conversation, prose, composition, letter-writing, exercises in French syntax. Prerequisite, French A and B, or equivalents. First semester. Four hours credit.

D. Intermediate French. (Continued.) Grammar reviews, with special attention to problems in syntax. Detailed written abstracts of texts read. Letter-writing. Conversation. Second semester.

[Texts: Bruno, *Le Tour de la France*; Sarcey, *Le Siege de Paris*; Renard, *Trois Contes de Noel*; Labiche and Martin, *Le Voyage de M. Perrichon*; Fortier, *Napoleon*; Chateaubriand, *Les Aventures du Dernier Abencerage*.] Four hours credit.

5. Modern French Prose. The study of novels or short stories by modern French prose writers; Erckmann-Chatrian, Bazin, Chateaubriand and others. Grammar and composition based on a French text. Three hours credit.

6. French Poetry of the Nineteenth Century. Reading from Alfred de Vigny, Alfred de Musset, Lamartine and others, with an introduction to French versification. Selections committed to memory. Three hours credit.

***7. French Oratory.** A study of the French orators and their works; Bossuet, Bourdaloue, Massillon, Flechier; prose composition; private reading. Three hours credit.

***8. French Drama.** The reading of dramas chosen from such authors as Corneille, Moliere, Racine, together with a study of their lives and works. Three hours credit.

GEOLOGY

1. Dynamical and Structural Geology. Atmospheric, aqueous and igneous agencies and their work. Rivers. River and marine deposits. Glaciers. Earth movements. Volcanoes. Earthquakes, Classi-

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fication of rocks. Metamorphism. Mineral deposits. Coal, oil and natural gas. Mountain formation and topography. Three hours credit.

2. Historical Geology. Evolution of the earth. Fossils and their significance. Geological eras, periods, epochs and corresponding systems. The prevalent species of plants and animals of the successive geological ages. The advent of man. Three hours credit.

GERMAN

A. Elementary German. This course is intended for students who have not presented German for admission. Grammar, pronunciation, colloquial exercises, easy themes, translation from prose selections. First semester. Four hours credit.

B. Elementary German. (Continued.) Weak and strong verbs; the use of the modal auxiliaries; the chief rules of syntax and word-order; selections in prose and verse; dictation based upon the readings; frequent short themes; conversation; memorizing of poems.

Readings: Baumbach, *Der Schwiegersohn*; Storm, *Immensee*; Arnold, *Fritz auf Ferien*; Wildenbruch, *Das edle Blut*.

Four hours credit.

C. Intermediate German. Rapid review of grammar; dictation; prose composition. Open to students who have credit for German A and B, or who have presented elementary German for admission. First semester. Four hours credit.

D. Intermediate German. (Continued.) The more difficult points of syntax; special problems of grammar. Reading of selected texts. Dictation and themes based upon the reading. Memorizing of poems. Second semester.

Readings: Schiller, *Wilhelm Tell*; Goethe, *Herman und Dorothea* and *Iphigenie*; Uhland's Poems. Four hours credit.

***5. German Prose Writers.** The study of novels or short stories by German prose writers; Freytag, Hauff, Herbert, Stifter, Novalis, Brentano, Eichendorff. Three hours credit.

***6. German Poetry.** Readings from German ballads and lyrics. Selections committed to memory. Special attention is given to the study of rhythm and metre. Three hours credit.

GREEK

A-B. Elementary Greek. The course is intended for those who enter without Greek. Benner-Smyth, *Beginners' Greek Book*; Xenophon, *Anabasis*; prose composition based on Xenophon. Four or five hours. Both semesters. Eight hours credit.

1. Homer. Selected portions of the *Iliad* or *Odyssey*; Homeric Dialect; outline of Greek epic poetry. First semester. Three hours credit.

***2. Plato.** The apology and one of the Dialogues. New Testament, selections. Second semester. Three hours credit.

3. Demosthenes. *Philippics*; *The Crown*; history of the development of Greek oratory. First semester. Three hours credit.

4. Sophocles; Aeschylus. Sophocles, *Antigone* or *Oedipus Tyrannus*; Aeschylus, *Prometheus*, with lectures on Greek drama. Second semester. Three hours credit.

*Not given in 1922-1923.

6. Lyric and Pastoral Poets. Pindar and Theocritus. Pindar, selected Epinicia; Theocritus, selected Idyls. Selections from the Greek Anthology. Three hours credit.

7. Herodotus. Selections from Books I, VII, VIII and IX. Lectures on the early logographers and the beginnings of Greek prose. Three hours credit.

HISTORY

1. Western Europe from the Renaissance to 1815. Sophomore or Junior year. First semester. Three hours credit.

2. Western Europe Since 1815. Sophomore or Junior year. Second semester. Three hours credit.

Courses 1 and 2 are prerequisite to all other history courses, and, in view of their cultural and informational value, are required of all undergraduates. Ordinarily taken in Sophomore or Junior year.

Method of instruction is typically the informal lecture based on textbooks recommended by the Department and supplemented by oral recitations, quizzes, class-room discussion, collateral reading, written tests and occasional research tasks in the library. At least two papers designed to afford practice in original presentation of historical data are required in each course.

3. English History to the Death of Elizabeth (1603). The fusion of Saxon and Norman elements and the gradual advance towards national consciousness with special reference to the growth of political and social institutions; the jury system, the common law, the great charters and the rise of representative government; Tudor despotism and the significance in English history of Elizabeth's reign.

With England (800-1500) taken as a vertical section of the mediaeval world, the civilization of which was homogenous to a marked degree in all the countries of Western Europe, and with the more important events and movements of the Middle Ages grouped around England as one of the chief participants therein, this course becomes similar in scope to a general course in mediaeval history. Junior or Senior year. First semester. Three hours credit.

4. *English History from the Death of Elizabeth. The Stuarts and the great struggle for popular and constitutional rights; the cabinet system of government and the rise of political parties; the Industrial Revolution and the building of the British Empire; the spread of democratic ideas, the British Empire today and the problems before it.

Courses 3 and 4 aim to present English History especially as a background and starting point for the study of American History. With informal lecture and textbook as the basis of instruction, stress is laid on the use of source-material and on methods of historical research and composition. (At least two papers designed to embody results of collateral reading and comparison of selected sources are required in Courses 3, 4, 5, 6, 7, 8.) Junior or Senior year. Second semester. Three hours credit.

*Not given in 1922-1923.

***5. American History to the Reconstruction Period.** This course, with the following, aims to bring into relief the outstanding influences that have shaped the history of the United States from the Colonial Period to our own, stressing for this purpose topics of import for the social, economic and political development of the nation. Junior or Senior year. First semester. Three hours credit.

***6. American History since the Reconstruction Period.** Supplementary to Course 5, with similar aims and methods of instruction. Bears in its later phases on conditions and circumstances that led to America's participation in the Great War, with the resulting stimulus to a clearer national consciousness of the significance and value of American citizenship. Junior or Senior year. Second semester. Three hours credit.

7. Ecclesiastical History. Origin and early expansion of Christianity; persecution; heresies; Councils; mediaeval union of Church and State; foreign missions, mediaeval and modern; disruption of Christian unity in the sixteenth century; the papacy and the popes. The course aims to show in sequence the reverses and vicissitudes of the spiritual kingdom of Christ. Junior or Senior year. One semester. Three hours credit.

8-9. Special Topics in European History. Courses dealing intensively with certain outstanding events, movements and institutions of direct bearing on the history of the Church. Topics thus treated will be, among others, the Origin and Early Influence of the Papacy, the Temporal Power of the Pope, the Holy Roman Empire, the Controversies over Investitures, Mediaeval Religious Life, the Mendicant Friars, Mediaeval Universities, the Great Schism, the Collapse of Religious Unity in the Sixteenth Century, the Catholic Reaction, Missionary Enterprise in the Spanish Colonies, etc. Research courses giving opportunity to the student to deal freely with source-material and to compare his findings with the treatment of the topics in the best secondary authorities. Senior year. Both semesters. Six hours credit.

10. Contemporary History. A course aiming to apply the methods of historical evidence and research to current events. Senior year. One semester. Two hours credit.

LATIN

***A-B. Elementary Latin.** Practice in oral and written themes; essentials of syntax. First semester.

Caesar, *De Bello Gallico*, four books; thorough study of syntax with frequent themes. Bennett's *New Latin Prose Composition*. Second semester. Four hours credit.

C. Cicero; Sallust. Orations against Catiline I—III; selections from *De Senectute* and the *Bellum Catilinae*. Themes from Bennett's *New Latin Prose Composition*. Four hours credit.

D. Vergil; Cicero. *Aeneid*, translation and interpretation with studies in Greek and Roman mythology. Cicero, *Pro Lege Manilia*. Themes as in Course C. Four hours credit.

*Not given in 1922-1923.

The above courses, A, B, C, and D, are intended for students who enter with insufficient preparation in Latin, but will not be accepted in fulfillment of the required college Latin.

***1. Vergil; Horace.** Vergil, Aeneid VII-XII, selections; Horace, *Ars Poetica*. Selections from Christian Hymnology. First semester.
Three hours credit.

2. Livy. Book XXI; Book XXII, selections; a study of Livy's style; elements of change from the prose of the Ciceronian age. Second semester.
Three hours credit.

3. Horace; Cicero. Horace, selected Odes and Epodes; Cicero, *Pro Milone*, with special reference to its rhetorical and argumentative qualities; *De Amicitia* or *De Senectute*. First semester.
Three hours credit.

***4. Horace; Tacitus.** Horace, selected Epistles and Satires; a study of the chief characteristics of Roman satire; Horace's philosophy of life; Tacitus, *Agricola* and *Germania*; the prose of the empire. Second semester.
Three hours credit.

5. Cicero; Juvenal. Cicero, *Quaestiones Tusculanae*, with a study of his position as a philosopher; Juvenal, selected Satires. One semester.
Three hours credit.

6. Plautus; Terence. Selected plays. One semester.
Three hours credit.

***7. Pliny; Seneca.** The letters of Pliny the Younger, with a study of literature and social conditions at the end of the first century after Christ; Seneca, selected letters. One semester.
Three hours credit.

9. Latin Composition. Principles of Latin idiom and style. Kleist's *Aids to Latin Composition*. Required of students taking Courses 1 and 2. First semester.
One hour credit.

10. Latin Composition. A continuation of Course 9. Second semester.
One hour credit.

11. Latin Writing. Advanced course. Translation of selected passages from English classic authors. Kleist's *Practical Course in Latin Composition*. Intended to accompany Courses 3 and 4. First semester.
One hour credit.

12. Latin Writing. A continuation of Course 11. Second semester.
One hour credit.

13. Ecclesiastical Latin. Hymns and homilies, selected from the Breviary and other sources. One semester.
Two hours credit.

MATHEMATICS

A. Advanced Algebra. A course for those who present but one unit of Algebra for entrance to college. The work starts with a review of Elementary Algebra, and then takes up such subjects as are usually given in a third-semester high-school course of Algebra. Can be counted only as an elective.
Two hours credit.

*Not given in 1922-1923.

B. Solid Geometry. A course for those who have not had solid geometry in high school. Cannot be counted in fulfillment of the requirements in Mathematics. Two hours credit.

1. College Algebra. After a brief review of the foundations, the following topics are treated: Variables and functions, linear and quadratic equations, determinants, logarithms, undetermined coefficients, complex numbers, binomial theorem, theory of equations, and series. For Freshmen. Prerequisite: Entrance Algebra, one and one-half units; and Plane Geometry. Three hours credit.

2. Plane Trigonometry. The six elementary functions for acute angles; goniometry; solution of the right and oblique triangles; graphs of the functions and solution of simple trigonometric equations. For Freshmen. Three hours credit.

5. Spherical Trigonometry. The right spherical triangle, Napier's rules, formulas and methods for the solution of the general triangle. Open to students who have had Mathematics 2. Two hours credit.

6. Surveying. The theory, use and adjustment of instruments; methods of computation and arrangement of data; practical field work and topographic map-making. Three hours credit.

7. Plane Analytic Geometry. Loci and their equations. The straight line; the circle; the parabola, ellipse, and hyperbola; transformation of co-ordinates; polar co-ordinates. Open to Sophomores and Juniors. Three hours credit.

8. Solid Analytic Geometry. An introductory treatment of the point, plane, straight line, and surfaces of revolution. Open to Sophomores and Juniors. Three hours credit.

9. Differential Calculus. Fundamental notions of variables: functions, limits, derivative and differentials; differentiation of the ordinary algebraic, exponential and trigonometric functions with geometric applications to maxima and minima, inflexions, and envelopes; Taylor's formula. Open to Sophomores and Juniors. Three hours credit.

10. Integral Calculus. The nature of integration; elementary processes and integrals; geometric applications to area, length, volume and surface; multiple integrals; use of infinite series in integration; introduction to differential equations. Open to Sophomores and Juniors. Three hours credit.

MILITARY SCIENCE AND TACTICS

This course is established by the University from patriotic motives, in an endeavor to cooperate with the National Government in its plan for national defense, pursuant to the National Defense Act of the Congress.

Enrollment in the Reserve Officers' Training Corps unit is prescribed for all students in the College of Liberal Arts, during Fresh-

man and sophomore years. To be eligible for enrollment the student must be a citizen of the United States, whose bodily condition indicates that he is physically fit to perform military duty, or will be so upon arrival at military age.

No member of the active personnel of the Army, Navy or Marine Corps, nor any Commissioned Officer of the National Guard or Naval Militia is eligible for enrollment.

Enlisted members of the National Guard may be enrolled.

Excuses from enrollment will be granted only on certificate of physical disability.

Upon enrollment in the Reserve Officers' Training Corps each student will be supplied by the United States with his complete uniform, except shoes. At time of registration each student liable for military training as above outlined, will deposit with the Treasurer of the University the sum of \$25.00 to cover loss or damage to uniforms or other equipment, the property of the United States, which may be issued to him. Such portion of this deposit as is not required to replace loss or repair damage will be refunded to the student on his departure from the University on an order signed by the Commandant of the Cadets.

A minimum of three hours per academic week is required of first and second year students and five hours per week for third and fourth year electives.

In addition to the prescribed work a student is permitted to elect military study to the maximum of 8 semester-hours, and will receive for work satisfactorily completed regular college credit counted in the 128 hours required for graduation.

The course of theoretical study and the practical instruction constitute a progressive course covering a period of four years, of which the last two are elective. Those who continue the work electively, after completing the two years of required work, are paid commutation of rations by the United States at the rate of about forty cents per day. Such payment is contingent upon an agreement, in writing, by the student to attend one summer camp of six weeks duration.

After graduation a graduate of the Reserve Officers' Training Corps may be commissioned as an officer in the Officers' Reserve Corps of the United States, or may be temporarily commissioned with a unit of the regular army for the period of six months with pay at \$100.00 per month and allowances. Upon completion of this period of training such officer is enrolled in the Officers' Reserve Corps. The object of this course of training is to fit the graduates of the Reserve Officers' Training Corps for the duties of commissioned officers in time of war or threatened war.

MILITARY SCIENCE AND TACTICS

BASIC COURSE

A. Theory (One hour per week). Formation of units to include the Company. Military Hygiene. Camp Sanitation. Military Courtesy. Guard Duty. How to sight a rifle. Physical Training.

Tactics (Two hours per week). Formation of squads, platoons, and company. Elementary duties of the soldier. Shooting in the in-door range. Physical development. Calisthenics. Mass Athletics. Freshman year, first semester. Person's text, Vol. 1. One hour credit.

B. Theory (One hour per week). Extended order, Battle formations for safety. Principles of scouting and patrolling. Infantry weapons and equipment; rifle, bayonet, and pack. Leadership. Ceremonies.

Tactics (Two hours per week) Shooting in the in-door range. Close order drill. Battle formations. Use of bayonet. Calisthenics. Scouting and patrolling. Use of compass for obtaining direction. Ceremonies. Week-end camp. Freshman year, second semester Person's text, Vol. 1. One hour credit.

C. Theory (One hour per week). Military Topography. Scales for Maps. Orientation. Contours. Traverses. Position and road sketches. Map Reading. Elements of Musketry.

Tactics (Two hours per week). Conventional signs. Use and construction of maps. Making a military map of the University campus. Use of sand-table for earth forms. Orientation. Use of magnetic compass. Duties as Non-commissioned officers. Sophomore year, first semester. Person's text, Vol. II. One hour credit.

D. Theory (One hour per week). Theory of rifle firing. Range finders, field glasses. Mil-rule. Bayonet, grenades, Automatic rifle. Camp sanitation. First aid treatment of wounds.

Tactics (Two hours per week). Command and leadership. Fire on landscape targets. Signals. Attack problems on sand-table. Handling dummy grenades. Stripping the automatic-rifle. Duties as Non-commissioned officers. Week-end camp. Sophomore year, second semester. Person's text, Vol. II. One hour credit.

ADVANCED COURSE

E. Theory (Three hours per week). Battalion formations. Field Engineering. Hasty intrenchments. Obstacles. Camouflage. Bridging expedients. Road building. Demolitions.

Tactics (Two hours per week). Duties as Lieutenants and instructors in tactics of Courses A and C. Use of sand-table for intrenchments and for terrain exercises. Gallery competitions. Junior year, first semester, elective. Person's text, Vol. III. Two hours credit.

F. Theory (Three hours per week). Browning Machine Gun, functions, stripping, uses in barrage, searching and traverse firing. Trench Mortar. 1 pounder gun. Military Law. Court Martials. Rules of land warfare. The Hague and Geneva conventions. Minor Tactics.

Tactics (Two hours per week). Duties as Lieutenants in Courses B and D. Mock Military Courts. Estimation of a military situation. Choice of a plan of action. Issuance of orders to carry out the selected plan. Map problems. Ceremonies. Six weeks of R. O. T. C. summer camp, probably from mid-June to end of July, at Fort Snelling, Minnesota. Junior year, second semester, elective. Person's text, Vol. III. Two hours credit.

G. Theory (Three hours per week). Military policy of the United States. Lessons of all wars in which the United has participated. Elements of success in war. Morale. Tactical principles. Use of combined arms.

Tactics (Two hours per week). Duties as officers and instructors in Course C; gallery competitions. Senior year, first semester, elective. Person's text, Vol. IV. Two hours credit.

H. Theory (Three hours per week). Offensive Combat. Defensive Combat. Conduct of Marches. Solution of Map problems. Combat orders. Outposts. Pistol firing. Map problems, their preparation and solution.

Tactics (Two hours per week). Duties as officers and instructors in Course D. Gallery competitions. Ceremonies. Senior year, second semester, elective. Person's text, Vol. IV. Two hours credit.

PHILOSOPHY

1. Formal Logic. This will comprise the customary treatment of formal logic with added emphasis on inductive reasoning and the informal reasoning of everyday life and of literature. Required of Juniors. One semester. Three hours credit.

The second part of the course is taken up with questions of epistemology: truth and error, the nature and fact of certitude, the value of human testimony, the criterion of truth. Required of Seniors. Second semester. Three hours credit.

3. Psychology. Beginning with an explanation of the cerebro-spinal nervous system, this course leads on to the study of the phenomena of sensuous life; sense perception, imagination and memory. sensuous appetite, movement and feeling. Required of Juniors. First semester. Three hours credit.

4. Psychology. A continuation of Course 3, embracing the study of the phenomena of rational life; the origin and development of intellectual concepts, rational appetency, free-will and determinism. The later part of the semester is given to rational psychology; the origin, nature and destiny of the human soul, the union of the soul and body. Required of Juniors. Second semester. Three hours credit.

5. Metaphysics. In this course are treated the subjects usually included under Ontology and Cosmology: the notions of being, act and potency, substance and accident, relation and cause; the origin of the material universe; the constitution of inorganic bodies, organic life, the laws of physical nature, miracles. Required of Seniors. First semester. Three hours credit.

6. Metaphysics. The first part of this course is devoted to Natural Theology, including: the idea of God, the proofs for the existence of God, the attributes of God, and free-will, the divine action in the universe, providence.

7. Ethics. In this course are treated the subjects belonging to general theory; the nature of the moral act, the distinction between moral good and moral evil, moral habits, natural and positive moral law, conscience, rights and duties. Required of Seniors. First semester. Three hours credit.

8. Ethics. The application of the general principles of ethics to particular, individual and social rights and obligations: the right to property, life, honor; the rights and obligations of domestic society; marriage and divorce; civil society, its nature and forms; the rights of civil authority; church and state; the ethics of international relations, peace and war. Second semester. Three hours credit.

9. History of Ancient Greek Philosophy. In ancient Greek philosophy attention is directed primarily to the teachings of Socrates, Plato and Aristotle and to the systems of Stoicism and Epicureanism. Plotinus is taken as representative of the Alexandrian movement; and St. Augustine is studied as the most conspicuous example of the early Christian philosopher. This course is carried on by means of lectures and recitations and the reading of representative selections. Turner's History of Philosophy is used as the basis of lectures and recitations. First semester. Three hours credit.

10. History of Mediaeval and Modern Philosophy. In the study of mediaeval philosophy attention is centered on the origin and development of Scholastic philosophy and on the system of St. Thomas as the most complete synthesis of mediaeval thought. In the division of modern philosophy, Descartes, Locke, Hume, Kant, Hegel and Spencer are taken for special study. Among present day tendencies, the revival of Scholasticism and the trend towards realism are noticed. De Wulf's Mediaeval Philosophy is made the basis of the treatment of Scholastic Philosophy and Turner's History of Philosophy is used as the text for modern systems. Lectures, recitations, readings and discussions. Two hours credit.

11. Experimental Psychology. A laboratory course dealing with the phenomena of sense-perception and attention. Three hours credit.

21. Logic. A compendious course in logic to make students acquainted with the technical language of philosophy and with the formal and informal processes of reasoning. The second part of the course deals with the science of knowledge, with truth and error, the nature and degrees of certitude, the value of human testimony, the criterion of truth. Three hours credit.

22. Psychology and Ethics. A compendious course embracing rational psychology, the origin, nature and destiny of the human soul, the union of the soul and body. The second part of the course deals summarily with general ethics, the nature of the moral act, the distinction between moral good and moral evil, the moral law, conscience, rights and duties. It also treats of the right to property, life and honor, the rights and obligations of domestic and civil society. Three hours credit

Courses 21 and 22 are required of premedical and prelegal students.

PHYSICS

1-2. General Physics. Mechanics, Sound, Light, Heat, Magnetism and Electricity. Must be preceded or accompanied by a course in Plane Trigonometry.

1a-2a. Lectures, experimental demonstrations and recitations, two hours per week. Both semesters. Four hours credit

1b-2b. Laboratory, four hours per week. Both semesters.

Four hours credit.

3-4. General Physics. A more mathematical and more complete treatment of the general principles of the subject than that given in 1-2. Should be preceded or accompanied by a course in Plane Trigonometry.

3a-4a. Lectures, experimental demonstrations, recitations, three hours a week, both semesters. Six hours credit.

3b-4b. Laboratory two hours a week, both semesters.

Two hours credit.

9-10. Experimental Physics. Advanced laboratory work in Mechanics, Molecular Physics, Light and Heat. A few lectures are given on the theory of physical measurements and measuring instruments with special attention to the computation of results. Recommended to be taken in concurrence with Course 3-4.

Six hours per week. Two semesters. Prerequisite, Course 1-2.

Six hours credit.

PUBLIC SPEAKING

1. Principles of Vocal Expression. Practical training in the fundamentals of effective speaking. Instruction on the management of the breath; methods of acquiring clear articulation; correct and refined pronunciation; direct, conversational and natural speaking; inflection; qualities of voice and their use; purity, range and flexibility of tone. Individual criticism and conference with the instructor.

One hour credit.

2. Gesture and Technique of Action. The study of poise; posture. movement and gesture; spontaneity of expression; correction of mannerisms; power and pathos; ease, grace and effectiveness of delivery. Class exercises, criticism and conferences.

One hour credit.

3. Argumentation and Debating. A practical training for those students who have taken or are taking the course in oratory prescribed under English 5. Thought development; division and arrangement; argumentative, persuasive and demonstrative speeches; a finished argument and the fallacies of argument; the essentials of parliamentary law and practice; manner of conducting deliberative assemblies. Class exercises. Individual criticisms and conferences.

One hour credit.

4. The Occasional Public Address. Informal public addresses; the presentation of business propositions before small or large audiences; impromptu and extempore speaking; after-dinner talks. Speeches for various occasions. Class exercises, individual criticism and conferences.

One hour credit.

5-6. Practical Oratory and Debating. This course is open to all students of the college. Its aim is to afford special training in public speaking. To this end strict parliamentary practice is followed throughout. The literary and oratorical exercises include declamations and elocutionary reading; criticism and discussion of interpretation and delivery; the composition and reading of short stories, poems and essays; orations illustrative of rhetorical principles; extemporaneous speaking; the knowledge and application of parliamentary law; debates.

Two hours credit.

7. Argumentation and Debating—Special. A special training for those students who have shown marked proficiency in the application of principles involved in Public Speaking 5-6. Intensive study of analysis, evidence, argument, and fallacies, rebuttal. Membership limited. Two hours a week, both semesters.

Four hours credit.

SOCIOLOGY

1. Social History. A survey of ancient, mediaeval and modern social movements. Social value of Mosaic laws and Christian practice with special emphasis on industrial democracy. A review of modern reforms, factory legislation, workingmen's compensation, social insurance, profit sharing and industrial co-operation. The Church in modern social problems. Three hours credit

2. General Sociology. An introduction to the scientific study of social problems and their relation to the family and the individual. A study of natural resources, population, immigration, labor organization, woman and child labor. Also problems of poverty, crime, housing, with a survey of preventive work relating to the poor, defectives and delinquents. Three hours credit.

3. Social Ethics. An application of Christian ethics to economic and social phenomena. The origin and development of the family, marriage, and the social order. The ethics of property, liberalism, socialism and communism; capital and labor combines, strikes, lock-outs and boycotts; public ownership and control; monopolies and modern finance; public health, control of education, traffic etc.

4. Organized Charity. A study of conditions affecting the family and community. Social treatment and application in the case of dependents and delinquents. The purposes and methods of investigation, diagnosis and treatment studied by means of selected cases. Co-operation of public and private agencies is studied, and inspection visits made to important institutions. Three hours credit.

SPANISH

A-B. Elementary Spanish. Grammar: De Vitis. Parts of speech; regular conjugations; study of the Indicative Mood, difference of tense meanings; Imperative; use of the simpler idioms. Pronunciation, composition and conversation. Pittaro's Spanish Reader. Credit not given unless the full course is completed. Four hours credit.

C-D. Intermediate Spanish. Advanced grammar; idiomatic uses of the prepositions; irregular verbs, verbs requiring a preposition. Composition and conversation. Reading: Alarcon, *El Capitan Veneno*; Colona, *Lecturas Recreativas*. Three hours credit.

5-6. Composition and Conversation. Open to students who have completed Course A-B or who have presented two units of Spanish for admission. Cool: Spanish Composition and Conversation; Valers, *El Pajaro verde*; Alarcon, *ovelas Cortas*. Two hours, both semesters. Four hours credit.

8. Classical Prose. Selections from Cervantes, *Don Quixote de la Mancha*; St. Theresa, *Life*; Ribadeneira, *Historia del Cisma de Inglaterra*, selections. Kelly, *History of Spanish Literature*. Three hours credit.

9. Classical Poetry. Fray Luis de Leon, *poesias*; Romancero general (Duran); Jorge Manrique, *Coplas*, selections. Three hours credit.

***10. Modern Prose.** Luis Coloma, *Jeromin*, *Boy*, *La Reina Martin*; Jose Maria Pereda, *Penas arriba*, *Cuentos y novelas*; Saj, *Europa salvaje*; Fernan Caballero, *La Gaviota*, *Clemencia*; *Valviena*, *Estudios criticos*. Three hours credit.

*Not given in 1922-1923.

STUDENT ORGANIZATIONS

1. The Sodality of the Immaculate Conception. The Sodality is an organization of Catholic students who propose to aim at a more than ordinary degree of earnest and practical Christian virtue. To attain this end the principal means employed is devotion to the Blessed Virgin Mary, Mother of God, by the study and imitation of her virtues, and by practices of piety in her honor; because the Mother of Christ, who was so intimately associated with Him during His earthly life, in the work of redemption, is still close to Him in Heaven and intensely active and powerful for our sanctification.

The purpose of the Sodality, however, is not limited to fostering the personal piety of the members. It aims, furthermore, at instructing them in methods of Christian zeal and charity, and stimulating them to the performance of social works. The result is to make them at once devout Christians and men of action such as the social needs of the present day demand.

At the weekly meeting the Little Office of the Blessed Virgin is recited, and an appropriate instruction or exhortation is given by the Director, a member of the Faculty.

2. The Apostleship of Prayer—League of the Sacred Heart. To encourage devotion to the Sacred Heart and to enable the students to acquire, while at College, the zeal for the interest of Our Lord, which is so general among the laity of the Catholic Church, the Apostleship of Prayer was established in 1879, and since then few of the students of the College have failed to have their names enrolled as active members.

3. The Creighton Oratorical Association. Organized in 1884, this society, as its name implies, trains its members for readiness and fluency in speaking before an audience. To this end likewise tends the attention paid to historical study and to composition. Meetings are held on Thursday evenings, and debates alternate with orations, recitations and literary essays. A public debate is held annually. During the past few years the Mrs. John Schultz prize has been assigned to this debate. The society has held membership in the Nebraska State Oratorical Association since 1899.

4. The Creighton University Band. This organization dates back to 1906. It is equipped with all necessary instruments. Students of any department of the University are eligible for membership. Practice is held twice a week.

5. The Creighton College Orchestra. This organization was formed in 1906. Besides offering free instruction in instrumental music, it enables its members to contribute to the enjoyment of their fellow students and the public, at entertainments given by the College. The orchestra possesses a large musical library.

6. The Glee Club. The Glee Club was re-organized in 1919. An annual tour of near-by cities is made, followed by a public concert in Omaha.

ALUMNI ASSOCIATION

The Alumni Association of the College of Arts was organized October 26, 1903, but on December 21, 1913, was merged into the Creighton University Alumni Association, which is recruited from the ranks of the Alumni of the Colleges of Law, Medicine, Dentistry, Pharmacy and Arts and Sciences. The purpose of the Creighton University Alumni Association, or the Pan-Alumni, as it is usually called, is to foster the bond of union between the graduates of the various colleges and to provide a convenient means for participation in University tasks. Graduates of the College of Arts are admissible as are also students who attend the Arts College for at least two years, provided their class has graduated.

The Arts Alumni was reorganized in May, 1920. The officers are:
 John J. Welch, '93.....President
 T. Sherman McCaffrey, '07.....Financial Secretary
 William P. O'Keefe, '04.....Corresponding Secretary

ATHLETIC BOARD

Charles M. Garvey.....President
 John Hopkins.....Treasurer
 Harold Linahan.....Secretary

Joseph F. Byrne
 Edward A. Creighton
 Dr. L. A. Dermody

Bert Murphy
 F. O. McCaffrey
 W. J. McCaffrey
 Rev. W. J. Corboy, S. J.
 Faculty Director

ACKNOWLEDGMENTS

Creighton College, like all private educational institutions, is dependent on its friends and patrons for aid in the prosecution and development of its work. The President and faculty wish to express their thanks to those who have been active in forwarding the interests of the College.

DONORS OF MEDALS

Right Reverend P. A. McGovern, D. D., Bishop of Cheyenne.

Mr. Thomas J. McShane.

Knights of Columbus, Omaha Council No. 652.

Ancient Order of Hibernians.

DONATIONS TO CHEMISTRY DEPARTMENT

Pittsburgh Steel Co.: Metallurgical and steel product specimens.

DONATIONS TO BIOLOGY DEPARTMENT.

Rev. A. J. Wigley: Specimen of Agate.

Smithsonian Institute: Annual Report.

Mr. C. J. Mogan: Models of gasoline and reversing engines. Two cases showing manufacture of steel and steel products.

DONATIONS TO PHYSICS DEPARTMENT

Sophomore B. S. Class, 1921-1922: \$150.00, for the purchase of "The Evans P. E. D. Equipment", for the study of theory and practical applications of electricity.

DONATIONS TO LIBRARY

Mr. James R. Day: My Neighbor, the Workingman.

Gilbert Guest: Bridal Trip in a Prairie Schooner.

Mr. A. C. Cousino: Short Diplomatic History of Chilean-Peruvian Relations.

A Friend: Bates' English Literature.

Mrs. C. W. Hamilton: Several Volumes of "America".

Longmans, Green & Company: Several Volumes.

A Friend: Coleccion de Lecturas Recreativas. Father Colona, S. J.

Mr. John Spargo: The Jew and American Ideals.

Mr. Neal Reardon: Essays and Speeches of Jeremiah S. Black.

Mr. Edmund James: Sixteen Years at the University of Illinois. The Inter-Allied Games.

General Leonard Wood: Essays and National Issues.

A Friend: Report of American Commissioners on Conditions in Ireland.

Canadian Commission of Conservation: Wild Life Conference.

Katherine Laughlin: The Nebraska Question Book.

Mr. J. M. Hayes: The Grave of Dreams.

Nebraska Commission of Labor: Nebraska's Industries and Resources

University of California: Inauguration of President Barrows.

Knights of Columbus: American Catholics in the War.

Mr. Paul De Constant: America and her Problems.

Mr. W. E. Hamilton: Studies in Moral Science.

New England Historic Genealogical Society: Life of Artemas Ward.

Rev. W. F. Feld, S. J.: Mirrors of Washington.

W. B. Saunders Co.: Three Volumes.

McGraw-Hill Book Co.: Two Volumes.

The McMillan Co.: Two Volumes.

DEGREES CONFERRED 1922

BACHELOR OF ARTS

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| ANTHONY G. CARROLL | GEORGE M. LYNCH |
| FRANCIS J. CASEY | FRANK J. McDONOUGH |
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| JOSEPH W. EBERT | JOHN J. MALEE |
| GRATTAN T. FITZGIBBON | ARTHUR J. MAYER |
| JOSEPH I. FITZSIMMONS | HENRY T. MERNAUGH |
| JOSEPH M. GRACE | JOHN W. ORTMAN |
| JAMES G. HALL | THEODORE R. ROHWER |
| CHARLES B. HAYES | FELIX A. SPITTLER |
| JOSEPH E. HOMAN | RAYMOND M. WALLERIUS |

FIRST GRADE TEACHER'S CERTIFICATE

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| CLARENCE ORVILLE DAVENPORT | WILLIAM JOSEPH KLEMM |
| WILLIAM MATTHEW DERIG | JOHN HARRIS LYNCH |
| HAROLD LEO DOWNING | WILLIAM CONWAY MAGUIRE |
| JOHN RIORDAN FITZGIBBON | GEORGE EDWARD TRUMAN |
| LEO JOHN WEARING | |

A commission as Second Lieutenant in the Infantry of the United States Army, Reserve Officers' Corps, was conferred on

HAROLD LEO DOWNING

AWARD OF MEDALS AND PRIZES

| | |
|---|----------------------------------|
| Senior Class, Philosophy Medal..... | Leo J. Wearing, '22 |
| Prize Essay in Evidences of Religion..... | Robert W. Burkley, '22 |
| Oratorical Medal | Charles S. Costello, '23 |
| Schultz Prize for Debating..... | { 1st, Alexander McKie, Jr., '24 |
| | { 2nd, William J. Klemm, '22 |
| Elocution Medal | Thomas A. Rowland, '24 |



CATALOG OF STUDENTS—1921-1922

Abbreviations—Sp. (Special). Numbers (1, 2, 3, 4) indicate the year of the course.

ABBOTT, WALTER D. (2).....Des Moines, Iowa
 ALGEE, EDWARD (1).....Manilla, Iowa
 AREHART, ARTHUR A. (2).....Milford, Nebraska

BALL, JOSEPH A. (2).....Council Bluffs, Iowa
 BARKMEIER, JOSEPH H. (4).....Exeter, Nebraska
 BARKMEIER, LOUIS F. (2).....Exeter, Nebraska
 BARSON, SIDNEY (3).....Omaha
 BAUMGARTEN, FRED J. (3).....Oberlin, Kansas
 BEACOM, W. JOSEPH (Sp.).....Goodwin, Nebraska
 BECKER, WALTER (1).....Omaha
 BERGER, JULIUS J. (3).....Carroll, Iowa
 BERTHER, JOSEPH V. (2).....Madison, South Dakota
 BLUM, ALOYSIUS A. (2).....Earling, Iowa
 BOHACEK, DR. FRANCIS J. (Sp.).....Omaha
 BOLDWIN, EARLE C. (1).....Casper, Wyoming
 BOLIN, GERALD W. (3).....Greeley, Nebraska
 BOLIN, LEO F. (3).....Greeley, Nebraska
 BONNSTETTER, HAROLD J. (2).....Algona, Iowa
 BRANDON, ADDISON V. (1).....Council Bluffs, Iowa
 BRECHT, BERNARD F. (1).....Fairfax, Iowa
 BRODERICK, LEO V. (1).....Waukee, Iowa
 BROWN, BRENDAN F. (Sp.).....Omaha
 BROWN, LAWRENCE H. (3).....Des Moines, Iowa
 BUCKLEY, JAMES A. (1).....Omaha
 BURKE, PAUL H. (1).....Walnut, Iowa
 BURKLEY, ROBERT W. (4).....Omaha
 BYRNE, FRANCIS R. (1).....Muscatine, Iowa

CAFFREY, RAYMOND J. (Sp.).....Stanford, Nebraska
 CARROLL, FRED A. (2).....Cheyenne, Wyoming
 CASEY, PATRICK C. (1).....Aitkin, Minnesota
 CHARVAT, FRANCIS C. (2).....Omaha
 CHRISTENSEN, EVERETT M. (2).....Madelia, Minnesota
 CLEARY, JAMES A. (2).....Kearney, Nebraska
 COAD, JOHN F. (Sp.).....Omaha
 COAKLEY, LEO P. (2).....Omaha
 COFFEY, FRANCIS J. (1).....Omaha
 COLLINS, HAROLD F. (3).....Greeley, Nebraska
 CONNORS, JOHN J. (1).....Emerson, Nebraska
 COSTELLO, CHARLES S. (3).....Davenport, Iowa
 CROWLEY, C. FELIX (2).....Omaha
 CROWLEY, REDMOND F. (1).....Ellsworth, Minnesota
 CUSTER, FRANK L. (1).....Fremont, Nebraska

DALEY, LYLE J. (Sp.).....Omaha
 DAVIS, RAYMOND B. (1).....McCook, Nebraska
 DAVENPORT, CLARENCE O. (4).....Staples, Minnesota
 DAVEY, CLARENCE B. (1).....Tecumseh, Nebraska
 DELEHANTY, THOMAS E. (1).....Lexington, Nebraska
 DERIG, WILLIAM M. (4).....Wososo, South Dakota
 DESMOND, WILLIAM M. (2).....Greeley, Kansas
 DIETER, EARL L. (1).....Omaha
 DIETER, LEONARD D. (2).....Cedar Rapids, Nebraska
 DOERR, OSCAR T. (2).....Omaha
 DONAHUE, ROBERT E. (1).....Inland, Nebraska
 DORSEY, FRANCIS P. (1).....Hartington, Nebraska
 DOWNING, HAROLD L. (4).....Council Bluffs, Iowa
 DOYLE, EVERETT J. (4).....Omaha
 DOYLE, JAMES A. (2).....Thedford, Nebraska
 DOYLE, J. LYMAN (1).....Parnell, Iowa
 DOYLE, W. JEROME (2).....Greeley, Nebraska
 DUFFY, JAMES J. (2).....Williamsburg, Iowa
 DUGAN, EDWARD J. (1).....Omaha
 DUGGAN, FRANK J. (1).....Goodwin, Nebraska
 DUNLAY, JOSEPH J. (2).....Orleans, Nebraska
 DUNPHY, JOHN M. (1).....Carroll, Iowa

| | |
|--------------------------------|---------------------------|
| EAGEN, ELWYN J. (3)..... | Brownsdale, Minnesota |
| EBNER, CLEMENT J. (1)..... | Mt. Angel, Oregon |
| ECHRICH, JEROME A. (1)..... | Neola, Iowa |
| EDWARDS, VERNON C. (2)..... | Council Bluffs, Iowa |
| EGAN, WILLIAM J. (2)..... | Omaha |
| EMOND, ALBERT J. (2)..... | Minneapolis, Minnesota |
| ENDRES, CARLTON J. (1)..... | Omaha |
| ENGEL, JOSEPH O. (1)..... | Lindsay, Nebraska |
| ESHER, THOMAS O. (Sp.)..... | Denver, Colorado |
| FAGAN, LEO B. (1)..... | Ottumwa, Iowa |
| FEEHAN, WILLIAM J. (2)..... | Kansas City, Missouri |
| FEENY, FRANCIS W. (2)..... | Canova, South Dakota |
| FEWER, WILLIAM H. (1)..... | Butte, Montana |
| FINNEY, WILLIAM H. (2)..... | Omaha |
| FINOCCHIARO, VINCENZO (1)..... | Omaha |
| FISHER, RICHARD L. (2)..... | Ottumwa, Iowa |
| FITZGERALD, FRANK E. (2)..... | Omaha |
| FITZGERALD, JAMES J. (1)..... | Omaha |
| FITZGIBBON, JOHN R. (4)..... | Sioux Falls, South Dakota |
| FITZSIMMONS, JOHN P. (1)..... | Dixon, Illinois |
| FLAHERTY, RALPH G. (1)..... | Sioux Falls, South Dakota |
| FLANAGAN, JOHN J. (2)..... | Omaha |
| FOGARTY, CHARLES J. (2)..... | Omaha |
| FOGARTY, JOSEPH D. (1)..... | Omaha |
| FOLEY, JOHN J. (2)..... | Rodman, Iowa |
| FORD, BARTON H. (1)..... | Omaha |
| FOSTER, EDWARD J. (1)..... | Omaha |
| FRANZ, WILLARD F. (2)..... | Des Moines, Iowa |
| GALLAGHER, FRANK J. (3)..... | Cleveland, Ohio |
| GANNON, TIMOTHY J. (1)..... | Rippey, Iowa |
| GARDING, CLARENCE J. (2)..... | Sartell, Minnesota |
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| GAUGHAN, WILFRID J. (1)..... | Wykoff, Minnesota |
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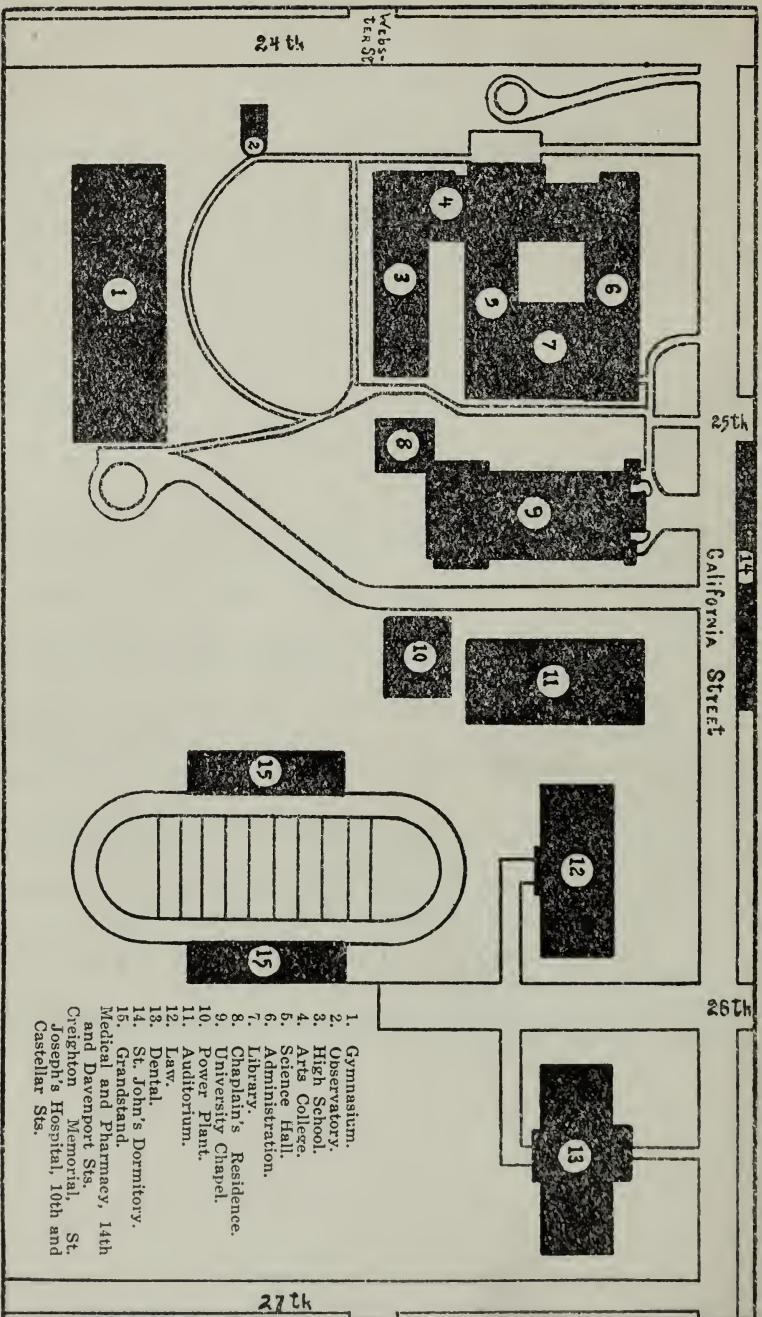
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1923-1924



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